The CHEMIST AND DRUGGIST
RETAILER — WHOLESALER — MANUFACTURER
AUGUST 5, 1950

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Index to Advertisers pp. 5 & 6

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The

CHEMIST AND DRUGGIST

for RETAILER—WHOLESALER—MANUFACTURER

AUGUST 5, 1950

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CONTENTS

No. 3676

A Pharmacist's Anthology 181
Australian Trade Statistics 183
Business Changes 169
C. & D. Dispensing Price List ... 175
Chemists' Golf 192
Codex Amendments 184
Company News 167
Conference Science Papers... ... 185
Deaths 170
Economies in Hospitals (Cartoon) 179
Editorial Articles:—
Scottish Court Upholds Contract 177
Packages Canada Welcomes ... 177
Record Exports of Medicines ... 178
Pharmacists and Atomic Warfare 179
Examination Results 166
Guide to New Medicaments ... 186
Health Service in Northern Ireland 184
Information Wanted 176
Ireland's Mansion, Shrewsbury ... 180
Legal Reports 168
London Pharmaceutical Committee 192
New Poisons Orders 164
Packaging for Canada 182
Personalities 169
Road Transport Regulations ... 187
Scottish Order Nullifies Oncost Cut 175
The late Mr. E. T. Neathercoat ... 171
The Week in Parliament 166
Toilet Preparations on Prescription 174
Topical Reflections 165
Trade Notes 172
Trade Report 188
Wills 170

NEWS OF THE WEEK

Milk for Food Manufacture.—The inister of Food announces that supplies milk are sufficiently plentiful to enable n to extend until August 31 the period ring which manufacturers may use milk the manufacture of food.

Plastic Lenses under N.H.S.—A range bifocal and lenticular plastic lenses is be included in the range of optical items ailable under the National Health Ser-e, but towards the cost of which the tient contributes. Details of the scheme ve been sent by the Minister of Health Executive Committees and Ophthalmic rvices Committees.

Derationing of Soap.—The Minister of od has issued a general licence under e Soap (Licensing of Manufacturers and ationing) Order, 1950, to enable whole-lers and retailers to obtain more soap, thout surrendering ration documents, om August 13. Suppliers must reserve fficient soap to honour outstanding orders om their wholesale or retail customers nder the existing rationing arrangements fore they supply any soap coupon-free.

Transhipment Licences.—The Board of Trade announces that all transhipment licences will now be issued by the Export Licensing Branch, Regis House, King William Street, London, E.C.4 and not by the Import Licensing Branch as hitherto. Accordingly, as from August 1 all applications for transhipment licences and correspondence relating thereto should be addressed to Export Licensing Branch. Changes have also been made as to the commodities which will require transhipment licences.

Taxable Goods for Overseas.—How relief from purchase tax may be claimed in connection with sales to individual customers for export is explained in a statement published in the "Board of Trade Journal," July 15. The statement describes the position concerning the personal export scheme, the export of goods to individual order and the purchase of goods by visitors holding United States or Canadian passports. It will be reprinted in leaflet form and will be available by the end of July on application to the Secretaries'

Office (Section 20 (D)), H.M. Customs and Excise, Finsbury Square, London, E.C.2.

On Track of Stolen Opium. — Home Office officials, working with the Edinburgh police, believe they have discovered the identity of a man responsible for the theft of 100 lb. opium from the premises of an Edinburgh manufacturer recently (see *C. & D.*, July 29, p. 130). The Home Office learned that the opium had reached Liverpool and that it was on its way to America.

Scientific Films Campaign. — As part of an endeavour to recruit new members among persons interested in the production, distribution or use of scientific films, the Scientific Films Association issues a quarterly bulletin. The most recent number contains the report of a conference on the use of films for training industrial personnel, and an article on their use in anthropology. The Association collects, collates and distributes information, publishes lists graded according to merit, advises on production, etc. Details of membership are to be had from the head office: 34 Soho Square, London, W.1.

Brains Trust for Overseas Students.— About eighty overseas students, who have been in England spending their vacations in works in the London area, attended a "brains trust" session at the office of the Federation of British Industries on July 21. The students, from many countries, are in Britain under the authority of the International Association for the Exchange of Students for Technical Experience. One of them, Mr. H. W. Schoenfellinger (a student in the chemical department of the University of Vienna) has for the past few weeks been assisting in the research laboratories of Roche Products Ltd., Broadwater Road, Welwyn Garden City, Herts. A question on the demands for chemists in British industry drew from Sir F. Ewart Smith, M.I. Mech.E. (technical director, Imperial Chemical Industries Ltd.), a member of the brains trust team, the reply that the number required for the various sections of the industry was great: more people in industry were now aware of the value of chemical engineering qualifications. Members of the brains trust were agreed that British industry had a long way to go in improving the general appearance of plant and workshops. Mr. Donald McCullough (Public Relations Adviser, F.B.I.) was question-master.

LOCAL NEWS

Laboratory Visit.—A party of bo from Mill Hill School, accompanied their science master, were entertained lunch and taken over the laboratories a works of Carnegie Chemicals (Welwy Ltd., on July 21 by Mr. Donald Carneg (managing director).

West Kent Branch Officers.—The f lowing officers of the West Kent Bran of the Pharmaceutical Society were elect at the annual meeting on July 3:—*Pre dent,* Mr. L. S. Short; *Vice-president,* M S. M. Lennox; *Treasurer,* Mr. A. W. J ton; *Secretary,* Mr. S. J. Hamer, 172 U per Elmers End Road, Beckenham; *Dep Secretary,* Mr. Wallace Pring.

Mansfield Officers. — At the ann meeting of the Mansfield Branch of Pharmaceutical Society, held on July the following officers were appointe *Chairman,* Mr. L. Webber; *Vice-chairm* Mr. H. Tingey; *Treasurer,* Mr. G. Smith; and *Secretary,* Mr. C. H. Prest Robinson, Mansfield and District Gene Hospital, Mansfield, Notts.

Manchester Outing.—The annual o ing of the Manchester Association a Branch of the Pharmaceutical Society held on July 23. Motor coaches took party of sixty via Buxton and the H Peak to Thorpe Cloud. After lunch, m of the party explored Dove Dale. T journey was later continued via Bakew Baslow, Stony Middleton Dale, Grindlef to Hathersage for high tea.

North Devon Annual Meeting Officers of the North Devon Pharmace cal Association have been re-elected follows:—*Chairman,* Mr. L. D. Knig *Deputy-chairman,* Mr. A. Jones; *Se tary,* Mr. J. M. Ovens, Braeside, H Wall, Barnstaple; *Treasurer,* Mr. L. Henson. Mrs. Wicks and Mr. G. A. Col were appointed additional members of social committee.

Display Competition Successes. — window display of old prescription-bo by Batchelor's, Ltd., 15 West Str Fareham, Hants, won first prize in Pharmacy class in a competition sponso recently by the local chamber of trade Mr. F. W. T. White, Ye Olde Pharma Emsworth, won second prize and Dav Ltd., 12 West Street, Havant, third p in the respective sections of the rec Havant and Emsworth Chamber of C

merce window-display competition. The displays were judged by popular vote.

East London Discusses Oncost. — A meeting of the East Metropolitan Branch of the Pharmaceutical Society was held at Stratford recently to discuss the cut in oncost allowance under the National Health Service. Miss A. J. P. McBride (chairman of the Branch) presiding. Mr. H. B. Coulson (chairman, National Pharmaceutical Union Executive) addressed members. He outlined the negotiations between the N.P.U. and the Ministry of Health up to the time the oncost cut was imposed. The words " after consultation " had been thought, he said, to mean " after consultation and agreement," but the Ministry held otherwise and the notice given appeared to be legal. The Ministry had assumed that 140 million prescriptions per annum would be dispensed under N.H.S. at an average cost of 2s. 6½d., but the estimate for the year was 201 million at 3s. 4d. The speaker thought that the independence of the pharmacist lay in his counter business. Mr. R. F. Gaunt, Ilford, suggested that the N.P.U. was incapable of negotiating with the Minister and that the chemists should withdraw their services. Mr. S. R. Smith, Leyton, declared that his rent and rates had increased by more than 8 per cent. The following resolution was carried *nem con:*—

That this meeting is prepared to support the Central N.H.S. (Chemists Contractors) Committee and the Staff Side, Committee A, Pharmaceutical Whitley Council, in any action they consider necessary, even to withholding their services.

OVERSEAS NEWS

Tata Trust Research. — The report of the International Section of the Lady Tata Memorial Trust for the years 1933-37 records that the main part of the work was devoted to the study of leucæmia.

Indonesia's Exports. — Official figures show that in May Indonesia exported a total of 16,000 kilos of citronella oil, valued at 412,000 guilders. Quinine exports in the same month amounted to ,000 kilos valued at 166,000 guilders, and cinchona bark, 118,000 kilos, valued at 96,000 guilders.

Indian State Drug Production. — A scheme to manufacture under State auspices penicillin, proguanil and sulphonamides was approved by the (Indian State) Standing Finance Committee a a meeting held in New Delhi recently. A factory to be built is expected to produce 300 billion units of penicillin per month, 100,000 lb. of antimalarials and 140,000 lb. of sulphonamides annually. An agreement has been made with a Swedish firm to provide technical assistance and train personnel. The Government is issuing import licences for the following from soft currency areas: Penicillin; para-amino-salicylic acid and its salts; anti-leprosy drugs belonging to the sulphone series; sulphadiazine and any other derivative of para-aminobenzene sulphonamide; insulin; and several arsphenamine compounds.

Ultrasonics in Medicine.—At the International Convention on Ultrasonics held in Rome recently and attended by delegates from fourteen countries, more than half of the papers read concerned the application of ultrasonics to medicine and biology. Ultrasonic irradiation was claimed to have proved beneficial in about forty maladies, including abscesses, arthritis, asthma, carbuncles, lumbago, neuralgia, etc. The intensity used was usually 1-5 watts per sq. cm., and the time of irradiation varied from two to twelve minutes. In biological applications speakers pointed out that the radiation had two effects—heating and mechanical.

IRISH NEWS

Medical List Temporarily Closed.—No new doctors are to be admitted during the next six months to the medical list of the Northern Ireland Health Services Board unless the death or retirement of a doctor creates a vacancy. In the meantime the Board is to carry out a survey to find out where local shortages or surpluses exist and to consult the Ministry about long-term policy. The step has been taken under powers given in the Health Services (Temporary Provisions) Act.

Irish Chemists' Golf.—The Irish Chemists' Golfing Society held an outing to Carlow on July 9 to play for prizes presented by May, Roberts (Ireland), Ltd., Steel Products, Ltd., Carlow, and Scott & Turner, Ltd. Among those present were many Southern chemist golfers. In an eighteen-holes strokes competition the winners were Messrs. F. Kavanagh (21), 71; and V. O'Hara (7), 72. Winners in an eighteen-holes bogey competition which followed were Messrs. E. MacManus (14), 1 up; and P. Garrahy (12), 1 up. Mr. T. J. Lynch (captain) presided later at supper, and the presentation of the day's prizes.

Assistant Examination Results.—Fifty-three candidates entered for the Assistant Examination held by the Pharmaceutical Society of Ireland in July. The following passed:—Joan Mary Aherne; Josephine C. Breslin; Carmel Mary J. Barry; Margaret M. Coughlan; Margaret A. Foley; Kathleen T. Fox; Eugene E. Flaherty; Patrick P. Gray; Mary A. Hamilton; James Keane; Mary Kelleher; Francis J. Kerrin Ellen M. Lynch; Mary C. McEntegart John M. Mulligan; Thomas J. Murray Alice T. O'Neill; Catherine M. O'Connor James F. O'Connor; Brigid P. O'Sullivan Mary O'Sullivan; Patrick J. O'Brien Anna P. Power; Michael Power; Margar P. Stokes. Mr. James A. Kennedy passe the Registered Druggist examination.

NEW POISONS ORDERS

THE Home Secretary has issued a Poisons List Order, 1950 and Poisons Rules, 1950 (S.I. 1950, Nos. 1213 and 1214), effective from September 1. The first makes amendments and variations in Part I of the Poisons List in a First Schedule as follows:

(*a*) After the word "Allylisopropylacetylurea" there shall be inserted the words "Alphaprodine; its salts."

(*b*) For the words "Amidone (*dl*-2-dimethylamino-4:4-diphenylheptane-5-one); its salts" there shall be substituted the words "Amidone; its salts."

Antihistamine Group

(*c*) After the words "Amyl nitrite" there shall be inserted the following item, that is to say:—"Anti-histamine substances, the following; their salts:—Antazoline; diphenhydramine; 3-di-*n*-butylaminomethyl-4:5:6-trihydroxyphthalide; phenindamine; substances being tetra-substituted N derivatives of ethylenediamine or propylenediamine."

(*d*) After the item commencing with the word "Beta-aminopropylbenzene" there shall be inserted the words "Betaprodine; its salts."

(*e*) After the item commencing with the words "Digitalis, glycosides of" there shall be inserted the words "Di-isopropyl fluorophosphonate."

(*f*) After the item commencing with the words "Hydrocyanic acid" there shall be inserted the words "Hydroxypethidine; its salts; isoamidone; its salts; ketobemidone; its salts."

(*g*) After the item commencing with the word "Metanitrophenol" there shall be inserted the words:—"Methadol; its salts; methadyl acetate; its salts."

(*h*) The words "6-morpholino-4:4-diphenylheptane-3-one; its salts" shall be omitted, and after the words "Pethidine; its salts" there shall be inserted the words "Phenadoxone; its salts."

(*i*) After the words "Pituitary gland, th active principles of" there shall be inserte the words "Polymethylenebistrimethy ammonium salts."

In a Second Schedule to the Order given the full revised Poisons List, par I and II.

The second Order enables the total amount of a poison sold in ampoule where is is required to be stated on signed order or prescription, to be re dered either in that way or as the tot amount intended for administration or i jection; extends to an assistant Coun Agricultural Executive Officer power to gi authority for using or to buy strychnine killing moles previously held by an "e ecutive officer"; and imposes appropria requirements and restrictions relating the sales of the substances added to th Poisons List by S.I. 1213.

Fourth Schedule Additions

Antihistamine substances and their sal are added to Group II of the Thi Schedule to the principal Rules and a thereby exempted from the requiremen of the Pharmacy and Poisons Act and th principal Rules when in the form of "Pr parations intended for external applic tion only." In addition antihistamine su stances and their salts, unless exempted stated, and polymethylenebistrimethylan monium salts are added to the Four Schedule. "6-morpholino-4:4 dipheny heptane-3-one, and its salts" are delete from the Fourth Schedule, being subje to control under the Dangerous Drugs Ac as phenadoxone.

New Labelling Direction

To the Seventh Schedule Rules is adde the following paragraph:—

7. To be labelled with the words "Cautio This preparation should be administered on under medical supervision. The vapour is da gerous": Medicines made up ready for the i ternal or external treatment of human ailmen and containing di-isopropyl fluorophosphonate.

TOPICAL REFLECTIONS

·mission to Enlarge

The editorial article on pp. 145-46 gives uable information on the present law of uilding and enlargement of premises. yone who reads trade journals with inficient diligence may come into colli- n with the Ministry of Town and Coun- Planning, or with some lesser authority, a technical detail of structural repair alteration. One has not to go far to ır of cases of hardship to owners or occu- rs of property, even when care has been en in preparing their plans. After an hitect or a builder has submitted alter- ive drawings, one of which, as the re- t of long discussion, has been passed a local council, the selected plan may rejected, for some flimsy reason, by a her authority. While your summary of conditions to be observed by prospec- e repairers and enlargers cannot, of ırse, provide for every contingency, it es excellent guidance on procedure. The ic principle (if I may so term it) is the tinction between business use and do- stic use of premises. Requirements con- ning height, cubic capacity and line of ntage should be borne in mind: other- se there may sooner or later be a sharp ninder, involving expense that could ve been avoided. The stipulation of ob- ning consent when proposing to change ans of access from any premises to an joining road is reasonable, for in this ıtter the amenities of neighbours may ve to be considered. The final para- aph of your survey brings an unexpected ıch of comic relief: it there appears that permission is required for changing the e of premises allotted to tripe, cat's meat other commodities specified. Tripe, in other sense of the word, may be dis- vered in the new Order of the Ministry.

perational Efficiency

Visits to works have been resumed on extensive scale since the end of the re- nt war, as a news paragraph on p. 129 minds us. Much can be learned from em by visitors trained scientifically, tech- cally or in both of these ways. This fact as impressed upon me when reading the ınual speech of the chairman of Lever others & Unilever, Ltd. (Sir Geoffrey eyworth), reported in various daily news- ıpers on July 28. In this short para- aph I can mention only a few of the airman's illustrations of problems involved in large-scale working. Comparing two of the company's factories, he pointed out a striking difference between the man-hours required for manufacturing and packing a ton of soap powder; in the one case it is 8.0, in the other 4.2. A still greater difference is shown elsewhere in the manufacture and packing of household soap tablets; here the respective man-hours per ton are 23.5 and 8.1. These differences are accounted for by differences in mechanisation. One cause of delay in production is time lost in changing over from one size or weight to another: belts have to be stopped and machines reset. A further cause of delay is irregularity in the arrival of raw materials, a trouble that in present circumstances is, I suppose, likely to continue. This brief reference to a speech of unusual interest and importance may be ended by citing the speaker's remark that, by studying and improving methods of work, a new average level of productivity, 30 per cent. above the former level, has been established.

U.S.P. 1950

The new United States Pharmacopœia has appeared only three years after the publication of its predecessor (p. 148). Whether the practice of medicine in the States has made such significant changes in this short period as to render the issue of a new pharmacopœia imperative I do not know. There may be an alternative explanation. In either case the new book will be studied here by pharmacologists and pharmacists with attention, especially in view of the frequent exchanges of information between the British Pharmacopœia Commission and the U.S.A. General Revision Committee. I regret that when changing the long-accepted spelling "pharmacopœia" the Committee did not go a step further and reduce it to "pharmacopea." As a matter of fact, the oldest quotation for the word in the Oxford English Dictionary, dated 1621, has this simplest form. As Mr. Bernard Shaw has lately been reminding us, every letter saved in writing or printing brings a saving of time. About the wisdom of discontinuing monographs on such drugs as rhubarb, senna and henbane, I am doubtful. Henbane can, indeed, be shelved in favour of its mixed alkaloids or of some of them: but rhubarb and senna cannot be similarly dealt with at present.

Xrayser

THE WEEK IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

At question time on July 24 there was more pressure for Government action on leaseholds. Mr. Hector Hughes asked whether the Attorney General would consider setting up tribunals with power to stay executions in certain cases. The Attorney General replied: "Proposals of that kind and of other kinds are receiving consideration." Regulations were approved which exempted from Town Planning development charge the conversion of part of a house, in which the developer was living, into a shop, provided the area so used did not exceed 200 sq. ft. The Minister of Town and Country Planning (Mr. Hugh Dalton) said that it was not intended that the shop should be a lock-up shop.

Supply of Suture Needles

Lady Tweedsmuir asked the Minister of Health on July 24 whether, in view of the acute shortage of surgical suture needles in Aberdeen, Edinburgh and Glasgow, he would assist manufacturers to increase supplies as a matter of urgency. Mr. A. Blenkinsop said that the Minister had been taking steps to assist the manufacturers to increase supplies.

Industrial Productivity

Mr. Herbert Morrison (Lord President of the Council) told Mr. Austen Albu on July 24 that he had received from the Committee on Industrial Productivity a second report in which, after reviewing their work, the Committee recommended its own discharge, in view of the satisfactory stage that had been reached in arranging for more specialised bodies to take over the work it had been doing. He accepted the recommendation.

Hearing Aids

In an adjournment debate on July 25, Mr. Frederick Harris said that the hearing-aid industry had been practically ignored by the Minister of Health in the developments of the Medresco hearing aid. In Britain at least ten reputable firms specialised in making hearing aids, yet contracts given by the Government for Medresco manufacture or assembly had been given to the radio industry. Medresco hearing aids were the only surgical instruments under the National Health Service being manufactured under the control of the Ministry outside the industry itself. In early stages at least half the aids proved faulty, and most of the faults hearing-aid manufacturers from their experience would have been able to a

Mr. Blenkinsop replied that 80 people had had free hearing aids provi The hearing-aid service was part of a la service. The Government could not th fore take whatever aids the industry duced and at whatever price they char

The Minister of Health told Mr Teeling that amending the regulatio enable diabetic patients to receive Clir sets and tablets under the National H Service would be made within the few weeks.

Cattle Diseases Research

Mr. James Griffiths (Secretar State for the Colonies) told Sir Ric Acland on July 25 that £146,865 issued from the Colonial Development Welfare Research Funds during 194 for veterinary projects to assist in coming African cattle diseases.

EXAMINATION RESULT

The following candidates satisfied examiners in the Pharmaceutical Ch Qualifying examination of the Pharm tical Society of Great Britain in July:

England and Wales

Allen, Enid L.
Ashton, Jean H.
Barfield, John C.
Benn, Selwyn
Blake, James W.
Brace, Donald H.
Brittain, Ann
Bussell, Louise R.
Clark, Norma P.
Collinge, Charles
Cram, Joan H.
Davey, Gerard C.
Davies, Aubrey D. M.
Davies, Douglas
Davis, Peter J.
Dunn, Sheila F.
Evans, David W.
Felix, Richard I.
Flatman, Edwin J.
Glen, William
Hodder, John L.
Ho'lis, Peggy E.
Hughes, Glenys
Jetha Akberali Merali Alti
King, Peter
Knight, Rachel M.
Laurence, Joyce E.
Lightfoot, Maurice
Marshall, Raymond
Meikle, Elizabeth
Parr, Derek E.
Peters, Brian
Platt, Mary J.
Pradhan, Madan K
Schohan, Richard
Seago, Bernard W.
Searl, John G.
Simpson, Eric W.
Smith, Geoffrey
Smith, John C.
Snell, Geoffrey
Stott, Joan
Sweeting, Frank
Thomas, William
Thompson, David
Vroobel, Gerald
Wealthall, Douglas
Weekley, Audrey
Whittaker Raymo
Williams, William
Wright, Neill

COMPANY NEWS

BRITISH CHEMICALS & BIOLOGICALS, D.—Mr. A. Wormald has been appointed irector.

A. BOAKE, ROBERTS & CO., LTD.—Net fit for the year ended March 31, before , amounts to £337,615 against £173,771 the previous year. A final ordinary divi- d is recommended of 20 per cent. king 30 per cent. for the year (the same).

GRIFFITHS HUGHES PROPRIETARIES, LTD. Net income of subsidiaries amounts to 39,047 against £253,724. Holding com- y's accounts show dividends from E. ffiths Hughes as £115,474 (£91,435); inary dividends, 10 per cent. (7½).

HIRST, BROOKE & SOUTHON, LTD.—Con- dated accounts for the thirteen months led March 31, show trading profit as 1,469. To depreciation, £2,303; amor- tion of leaseholds, £225; directors' re- neration, £300; audit, £492; bank in- est and charges, £314; debenture erest, £124; debenture stock trustees' s, £11; leaving £7,700. To tax £2,747, ving net profit £4,953, less applicable pre-acquisition period £287, leaving ,665. To preference dividends, £2,949; ward £1,716. Consolidated current ets, £174,708, comprising stock 0,669, debtors £74,976, and cash 9,063, current liabilities and provisions 7,758, including creditors, £61,341. The ectors state that owing to unforseen ects of the National Health Service, profits are substantially below those ecast. In the conditions which have sen, they consider the company is un- ely for several years to come to be able earn profits on a scale to produce a satis- tory return on its capitalisation. They erefore believe shareholders' interests will best served by winding up the company. les of certain of the company's profitable es to industrial welfare departments have en seriously affected by a contraction in penditure on industrial welfare supplies. is has occasioned severe competition and ce cutting in this branch of the com- ny's trade. The directors have, there- e, taken steps to meet the situation, and contract has been entered into for the e of the shares of Hirst, Brooke and rst, and one of the joint managing direc- s, Mr. L. S. W. Southon, has offered, ject to approval of shareholders, to pur- ase the shares of the other subsidiary, uthon Laboratories, for £22,000. The board is of the opinion that the proceeds of these sales, coupled with the resources of the company itself, will provide sufficient to pay out the preference shareholders in full (both as to capital, accrued dividend and the premium to which they are entitled on a winding up) and to repay the full nominal value of 4s. per share to the holders of the ordinary shares. To ensure the return in full of the capital held by outside shareholders, the joint managing directors are each prepared to defer in favour of the other shareholders 100,000 of their own ordinary shares, a total of £40,000, representing one-third of the ordinary capital. An extraordinary meeting to consider the proposals is to follow the annual meeting.

Compulsory Liquidation

In the Chancery Division, London, on July 31, an order was made for the compulsory winding up of Dr. Lister's Laboratories (Sales), Ltd., on the petition of Rojon Equipment, Ltd., (in compulsory liquidation) High Holborn, London, W.C., importers and exporters. Counsel for the petitioners said they were judgment creditors for £5,176.

Scheme of Arrangement

MR. Justice Vaisey in the Chancery Division on July 24 sanctioned a scheme of arrangement by Mellins Food, Ltd., and confirmed a reduction of the company's capital from £325,000 to £73,750. Counsel for the company said it was incorporated in 1896 to take over an existing business of preparing foods of which milk was the basis. Owing to obsolete plant and out-of-date methods the company had had more than twenty very lean years. The company had been unable to pay its preference dividend and its difficulties had been increased during the past ten years by the milk shortage. It was essential that the company should raise further capital in order to modernise its business on the production side and also its sales organisation. The effect of the scheme was to cancel arrears of dividend on the preference shares, to write them down from £1 to 8s. and to write down the ordinary shares from £1 to sixpence. The company was to raise £20,000 in cash from a Mr. Lightfoot on 4 per cent. unsecured notes. This with £35,000 investments would form a fund which, it was estimated, would be sufficient for the re-organisation.

New Companies

NAXOLITH LABORATORIES, LTD. (P.C.).—Capital £1,000. To carry on the business of manufacturers of and dealers in toilet preparations, etc. Frank W. Denning, and Helena I. Maynard, directors. R.O.: 6 Broad Street Place, London, E.C.2.

DENVALS (BIRMINGHAM), LTD. (P.C.).—Capital £2,000. To carry on the business of manufacturers of and dealers in surgical instruments, etc. Dennis A. Downes, and Arthur T. Downes, directors. R.O.: 390 College Road, Erdington, Birmingham.

GEORGE CARR & CO. (CHEMISTS), LTD. (P.C.).—Capital £1,000. To carry on the business of wholesale manufacturing, and dispensing chemists and druggists, etc. George A. Carr and Hilda M. Carr, directors. R.O.: Wilkinson Lane, Sheffield, 10.

I. & N. RABIN, LTD. (P.C.).—Ca £6,000. To carry on the business of w sale, or retail, manufacturing and ge chemists, etc. Isaac Rabin, Sol Rabin, and Nathan Rabin, directors. R 190 Shoreditch High Street, London.

IVOR JONES (LIVERPOOL), LTD. (P.C Capital £2,000. To acquire the bu of a chemist carried on by Ivor Jon 374 Park Road, Liverpool. Arthur I. J M.P.S., and John A. S. Kendall, dire R.O.: 14 Dale Street, Liverpool, 2.

JAMES MILLS (CHEMISTS), LTD. (—Capital £600. To acquire the bu of a dispensing chemist carried on a Stephenson Road, Newcastle-on- James Mills, M.P.S., Thomas B M.P.S., directors. R.O.: 5 Saville Newcastle-on-Tyne.

LEGAL REPORTS

In Possession of Opium.—At Birkenhead magistrates' court, on July 26, a Chinese fireman was fined £5 for having prepared opium in his possession, £5 for having an opium pipe, and £10 for importing the opium.

Pharmacy Act Fines.—At North Hunsley petty sessions, Beverley, Yorks, recently, Arthur Leslie Spinks, M.P.S., 62A Beverley Road, Hull, was fined £20, and ordered to pay £3 3s. costs for selling a preparation containing a poison otherwise than from a duly registered chemist's shop and for selling it without the name of the seller and address of the premises upon the label. The Pharmaceutical Society represented that a vanman employed by Mr. Spinks, who owned twelve shops, sold a bottle of linctus from a van to an inspector of the Pharmaceutical Society. The linctus contained a small quantity of morphine. For the defence it was stated that Mr. Spinks had four vans which went out to less accessible areas and supplied farmers with commodities that could normally be obtained only in a chemist's shop. Orders were taken by the vanmen, and the medicines were wrapped in the shop and delivered later. In this case the vanman was a new employee. There happened to be a few bottles of linctus in the van and he sold one to an inspector who asked for it. Mr. Spinks was stated to have had one previous conviction (in 1945) when he had been called away for a few hours from a busy branch and an assistant had sold a medicine containing a poison.

Objection to Eire Trade Mark.—I the Controller, Industrial and Comm Property Registration Office, Dublin hearing took place recently of a c which British Cod Liver Oils, Ltd., and Grimsby, objected to a pr registration by Mr. Donal V. O'Su M.P.S.I., Cahirciveen, co. Kerry, trade mark and words Five Ocea describe cod-liver oil. The objectors are manufacturers of Seven Seas co oil, contended that the use of the mark Five Oceans would cause con They submitted that the basic idea lying both trade marks was the sam that the public would be deceive thinking that the products sold und two trade marks emanated from th manufacturer. That was denied by sel for Mr. O'Sullivan, on whose b number of declarations were filed pharmaceutical chemists in differen of Eire, stating that, in their vie such confusion would arise. Mr. O'S intended to market cod-liver oil i under the trade mark Five Ocea had delayed doing so until the issue was decided. After hearing on both sides, the Controller said satisfied, on the evidence before hi neither the public nor the trade wo confused between the two trade which were quite distinct visuall phonetically. Accordingly he wou allow the objection and allow the a tion for registration to proceed. £ costs was allowed to Mr. O'Sulliva

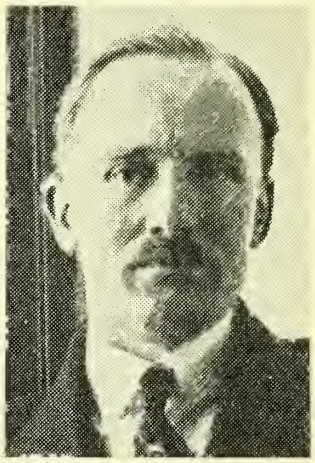
PERSONALITIES

R. R. C. HANNANT, M.P.S., Gorleston-ea, in his capacity as the Norfolk ty officer of the St. John Ambulance ade, was presented to Princess Mar- t on the occasion of her visit to Nor- recently to inspect Brigade cadets.

R. GORDON M. L. SMITH, B.A., who be taking up his duties as secretary of the Association of British Pharmaceutical Industry on September 1, was educated at Winchester School and Brasenose College, Oxford, where he obtained a rowing "blue" in 1931 and 1932. He served throughout the 1939-45 war, first in the Royal Artillery and later as an Intelligence Officer attached to the dquarters of the Fifth American Army. sequently he was made Military ernment Governor of a group of towns Italy, and Commandant of a refugee p in Austria. Since demobilisation, Mr. th has gained experience in trade asso- ion work, as secretary, in turn, of the ksellers' Association and Ship and Boat lders' National Federation. He will nd the British Pharmaceutical Confer- e in Glasgow, where he hopes to meet ociation members and others connected h pharmacy.

IR. ARTHUR FLOOD, M.P.S., 35 High et, Overton, Hants, recalls reading the & *D.* regularly each week at the turn he century at the office of his father's ness (W. W. Flood & Co., wholesale ggists, 206 Borough High Street, ndon). Now seventy, Mr. Flood quali- in 1904 and has been a *C. & D.* scriber in his own right since he set up first business in Brighton in 1910. He ds a reminder that his early West End suburban experience "embraced the s of spreading plasters, silvering an ward batch of pills, turning out sup- itories, bougies, cachets." "All that is t and over," he adds, perhaps ner wistfully. Mr. Flood has met many the well-known pharmacists of his time ohn Humphrey, Herbert Skinner, ndstone Hines, A. H. Jenkin, W. J. U. Woolcock and others. Edmund White he remembers principally as a "sarcastic" examiner who, when a nervous candidate upset a beaker of boiling water over his B.P. at the examination, and the red cover "puckered up into blisters," remarked, "That is what is described as an infusion of the British Pharmacopoeia."

MR. JEFFREY BARRIT, M.P.S., president for the year of the Hull Chemists' Association and Branch of the Pharmaceutical Society, was apprenticed with Laverack & Sons, Malton, Yorks, and qualified in 1921 at the then South-West Polytechnic, Chelsea, London. For the past twenty-five years he has managed the branch of Timothy Whites & Taylors, Ltd., at Holderness Road, Hull. He is an employee representative on and chairman of the Hull Pharmaceutical Committee, and a member of the hours-of-service, pharmaceutical service and joint services committees of the Executive Council.



BUSINESS CHANGES

BROOK, PARKER & CO., LTD., 7 Ashfield, Horton Road, Bradford, have appointed Mr. H. Haywood to be their representative locally in the West Riding. He joined the company in 1929.

THE CROOKES LABORATORIES, LTD., Park Royal, London, N.W.10, have made the following appointments:—Mr. E. A. Rankin, M.B.E., manager, vitamin oils department; and Mr. E. H. Hopkins, B.Sc., Dip.Bact., F.R.I.C., technical manager vitamin oils department.

JOHN HARLEY, LTD., have acquired the pharmacies formerly owned by Duncan, Harris & Co., Ltd., at 250 Kensington High Street, London, W.8; 11 The Broadway, Hammersmith, London, W.6; and 42 James Street, Oxford Street, London, W.1; and have opened branches at 21 North Parade, Mollison Way, Edgware, Middlesex, and 375 North End Road, Fulham, London, S.W.6.

DEATHS

BETTEN.—On July 22, Mr. Hugh Betten, M.P.S., 295 Portland Road, Hove, 3, aged sixty-nine. Mr. Betten qualified in 1904.

COLLINSON.—On March 18, Mr. Eric Collinson, M.P.S., 102 Park Road, Timperley, Ches. Mr. Collinson qualified in 1910.

DODGE. — On July 3, Mr. Edmond Dodge, 157 Colville Road, Oulton Broad, Lowestoft, Suffolk, aged eighty-five. Mr. Dodge qualified as a chemist and druggist in 1888.

FORSDIKE.—In Rochford General Hospital, Essex, on July 14, Mr. Ernest Frederick Forsdike, Southend-on-Sea, Essex, aged sixty-nine. Mr. Forsdike had been employed with Boots, Ltd. for thirty-six years, and was for twenty-five years, until his retirement in 1946, dispenser at the company's Westcliff branch.

KERFOOT.—At Hunters Croft, Mottram St. Andrew, Macclesfield, Ches, on July 30, Mrs. Marian Eleanor Kerfoot, wife of Dr. T. H. M. Kerfoot (a director of Thomas Kerfoot & Co., Ltd., Bardsley Vale, Lancs), aged forty-seven. The funeral service was held at Stockport Crematorium on August 1.

LAWRENCE.—At Oban, Argylls, on July 9, after a long illness, Miss Gertrude May Lawrence, youngest daughter of the late Mr. Samuel Lawrence, M.P.S., Oban.

MACFARLANE.—At Osnaburg Street, Forfar, Angus, on July 19, Mr. Malcolm Macfarlane, M.P.S., 42 Castle Street, Forfar. Mr. Macfarlane, who was the second son of Mr. Malcolm Macfarlane, M.P.S., 15 Robertson Terrace, Forfar, qualified in 1943.

MANTLE.—At 29 Cumberland Avenue, Basingstoke, on July 28, Mr. L. H. Mantle (a representative of Robert Blackie, Ltd., London, S.E.14).

PEAKE. — At East Sheen, London, on June 29, Mrs. Eleanor Edith, widow of the late Mr. Walter H. Peake, M.P.S., Seaford, Sussex.

RICHARDS.—On July 29, Mr. Fred Richards, M.P.S., 14 High Street, Shaftesbury, Dorset, aged eighty-one. Mr. Richards qualified in 1892. The funeral service was held at Holy Trinity Church, Shaftesbury, on August 2.

RILEY.—At the General Hospital, Birmingham, on July 19, Mr. Herbert Edwin Riley, managing director of G. W. R Ltd., 13 College Road, Handsworth, mingham, 20.

SENNITT.—On May 20, Mr. Regi Jack Morton Sennitt, M.P.S., 12 The Ealing, London, W.5. Mr. Sennitt apprenticed to the late Mr. J. T. Co London Street, Norwich, and qualific 1915. He had been in business in E nearly thirty years.

SUTHERLAND.—On July 5. Mr. G Sutherland, M.P.S., of 94 Nithsdale F Pollokshields, Glasgow, S.1, aged sixty Sutherland qualified in 1913.

WATT.—At Belfast, on July 23, Robert Watt, M.P.S.I., aged eighty- A native of Aberdeen, Dr. Watt qua in Ireland as a pharmaceutical chem 1885, and graduated ten years later doctor at the Royal University of Ire

WILLS

MR. H. SWEENY, Ph.C., Strand Londonderry, left £12,077.

MR. A. C. MARTIN, M.P.S., 4 B Place, Edinburgh, left £46,378.

MR. W. ESLER, M.P.S.N.I., 74 Mar Park and 42 Howard Street, Belfast £18,880.

MR. C. GOODMAN, M.P.S., 76 Farm Road, Gipton Estate, Leeds £403 (£367 net).

MR. W. MARCHANT, M.P.S., 4 G Road, Gloucester, left £9,760 (£ net).

MR. F. WALKER, M.P.S., 77 King S Castle Douglas, left personal esta England and Scotland valued at £1

MR. G. COOPER, M.P.S., 201 H Road, and 27 Bridge Street, Ru Ches, left £4,219 (£4,158 net).

MR. W. R. YATES, M.P.S., 115 C bia Road, Ensbury Park, Bournen Hants, formerly of 4 Hotspur Terrace mouth, Devon, left £1,670 (£1,638

MR. C. E. DODSLEY, 16 Edenpark Birkenhead, Ches, retired pharmacis merly of Shrewsbury Road, Birker left £291 (£270 net).

MR. P. T. CLARKE, M.P.S., S House, Durston, Taunton, Somerset merly of Inverurie, Aberdeens, left pe estate in England and Scotland valu £1,165.

THE LATE MR. E. T. NEATHERCOAT

: death occurred suddenly at his home, brook Park, Horsham, Sussex, on July 28, of Mr. Ernest Tom Neathercoat, C.B.E., Ph.C., D.L., J.P. (managing director of Savory & Moore, Ltd., for twenty - two years, and president, 1920-24, Pharmaceutical Society of Great Britain), aged sixty-nine.

Apprenticed to the late Mr. E. W. Lincolne, in Ely, Cambs, his native n, Mr. Neathercoat studied at the ool of the Pharmaceutical Society, ndon, passed the qualifying examination 1901, and the "Major" the following r, gaining several medals and certifi-es. He set up in business in Weybridge, Oatlands Park, Surrey, and soon be-ne prominent in civic and pharmaceuti-affairs. In 1909 he was elected presi-t of the Thames Valley District Phar-cists' Association, and was returned at head of the poll to the Council of the rmaceutical Society. He served on the uncil continuously for the next thirty rs, and during that time occupied ost every office.

Honours List

From 1914-20 he combined the Society's e-presidency with the chairmanship of Weybridge urban district council, and ing the next four years, while president the Society, he served also as chairman its board of examiners. In 1923 he re-ved the C.B.E. for services rendered to Home Office in connection with Regu-ons under the Dangerous Drugs Act. was a member of the Departmental mmittee that reported on the Pharmacy in 1930 and was a member of the Poi-s Board, 1931-37. He served as the rmaceutical Society's treasurer, 1934-39 period covering the negotiations that to the decision to build a new head-rters for the Society in Brunswick are, London.

Mr. Neathercoat was defeated at the uncil elections in 1939, and did not seek election. He was a past-master of the riers' Company, London, and a livery-n of the Patternmakers' and Needle-makers' Companies; a justice of the peace for the counties of Surrey and Sussex; a governor of the Royal Veterinary College and Royal Agricultural Society of England; a member of the management board of the British Empire Union; a Fellow of the Zoological and Royal Geographical Societies, and high sheriff elect for Sussex. He was chairman of the Prince of Wales general hospital, London, N.; a member of the board of governors, St. Mary's, St. Bartholomew's, and the Royal Eye Hospitals, London; a member of the visiting committee, King Edward's Hospital Fund for London, and chairman of the London North Eastern Regional Hospital Board.

In the Parliamentary election of 1924 he contested as Conservative the Gower division of Glamorgan, and in that of 1929 the Docks division of Cardiff. He was chairman of the Horsham and Sussex Conservative Associations. During the 1939-45 war he was chairman of the Horsham District National Savings Committee and president of the Horsham area Air Training Corps. He formed a local unit of the Home Guard. Recently, Mr. Neathercoat accepted chairmanship of the Horsham Area Sea Cadets and War Cadets. The Ministry of Health accepted his war-time offer of a large portion of his country house as an emergency hospital, and the West Sussex County Council his offer of other buildings for civil defence.

The funeral was held at St. Margaret's Church, Warnham, Sussex, on August 3.

INQUESTS

Lysol Mistaken for Senna.—A verdict of accidental death was recorded at an inquest in Carlisle on June 13 on a woman who died as a result of taking lysol in mistake for senna tea kept in a similarly shaped bottle.

Accidental Iron Poisoning.—At an inquest at the Hammersmith, London, coroner's court recently on a 2½-year-old girl, a doctor stated that the child appeared to have taken thirty-five to forty green sugar-coated iron tablets. The child's mother said that she had left a box of iron tablets that had been prescribed for her on the draining-board in her kitchen. After being away from the room for about five minutes she noticed loose tablets on the floor. The coroner recorded a verdict of death from misadventure.

TRADE NOTES

New Pack.—Cow & Gate, Ltd., Guildford, Surrey, have introduced a new pack of their Cerex cereal food for weaning and young infants. The product is now supplied in 10-oz. cartons. Stocks of the former tins of Cerex should be returned for replacement.

Fragrance Bureau.—With the support, it is claimed, of "nearly all perfume firms," a Fragrance Bureau has been established at 161 New Bond Street, London, W.1. Miss Elizabeth Anderson has been appointed counsellor at the Bureau and will take up her duties on August 21.

Price Correction.—C. J. Hewlett & Son, Ltd., 35 Charlotte Street, London, E.1, state that an incorrect price was given for their Formalgar gargle and mouthwash in an advertisement by the company in the July 29 issue of the *C. & D.* The correct retail price is 1s. 6d. per bottle.

Exhibit of Biological Stains.—During an International Congress of Anatomy held at Oxford University, July 25-28, a small commercial exhibition (limited to ten invited firms) was held in the Anatomical theatre. Edward Gurr, Ltd., 108 Waterford Road, London, S.W.6, showed a comprehensive range of their Michrome brand biological stains and reagents.

Atomiser Container.—Cascelloid, Ltd., 11 Southampton Row, London, W.C.1, are the manufacturers of a new atomising container adopted by Northam & Warren, Ltd., Slough, Bucks, for their Odo-ro-no spray deodorant. Bottle, atomiser, plug and tube are manufactured from polythene, and the cap is moulded from urea plastic by Kork-N-Seal, Ltd.

Display-Sales Carton.—The outer in which Nurse Sykes tablets are now being issued by the manufacturers, Nurse Sykes Co., Ashton-under-Lyne, Lancs, holds one dozen containers and has a longitudinal piercing and two side piercings to show the goods within. It therefore serves both for display and as a reminder to re-order when stocks are low.

Price Changes.—Parke, Davis & Co., Staines Road, Hounslow, announce changes, effective since July 31, in the prices of Citronin (bottles of 4, 16, and 80 fl. oz.) and Storaxol (collapsible tube and 1-lb. tin).—Roche Products, Ltd., Welwyn Garden City, Herts, announce reductions, effective since August 1, in the prices of Liquemin brand heparin solution.

Photographic Films.—On other pag this issue advertisers direct attentio their photographic films. Penguin Pi Products, Laings Corner, undertake dispatch the same day of all order ceived by 4 p.m., in all sizes (inclu 29). Photocam, Ltd. (B.C.M./Photo London, W.C.1) offer "reasonable plies" available now of their Photoch film—"the film with the outstar middle-tone gradations." The Ve Film Co., Taunton, offer their Ve roll films by return of post.

Home Wave Display.—Richard Hu Ltd., Power Road, London, W.4, made available to stockists of their

permanent wave kit the attractive d material illustrated. The display reference W.5, can be supplied on it or with the two refill crowners, refe W.6. The material, in bright yellov black, shows off the packs to adva and the illustrations link up with advertisements.

Market Research in U.S.—A ne ganisation, Research Society, Inc., 51 51st Street, New York, 22, New U.S.A., has been established to p manufacturers with data concernin market for pharmaceutical products United States. The Society has a of pharmaceutically trained persons g ing market information as request clients. A prescription audit repor vice is being made available at cost. Society would welcome, as client

British manufacturer of pharmaceutical products planning to enter the American market.

Holiday Closings. — S. SIGAL & Co., LTD., manufacturing chemists, 47 Tabernacle Street, London, E.C.2, are closing for annual holidays from Friday, August 4, to Monday, August 14. — The office and warehouse of WARREN, STANLEY & Co., LTD., wholesale chemists, High Street, Edgware, will be closed for the annual holiday from August 7 to August 19.—During the August Bank Holiday closing urgent supplies of the preparations of BAYER PRODUCTS, LTD., Africa House, London, W.C.2, and of PHARMACEUTICAL SPECIALITIES (MAY & BAKER), LTD., Dagenham, may be obtained from John Bell & Croyden, 50 Wigmore Street, London, W.C.1.—The works of THORNTON & ROSS LTD., manufacturing chemists, Linthwaite, Huddersfield, will be closed August 12-19, inclusive.

Insecticide "Dispenser." — Illustrated here is a finger-tip "dispenser" recently exhibited for the first time at the British Industries Fair by the Metal Box Co., Ltd., The Langham, Portland Place, London, W.1. Introduced for packaging and dispensing insecticides, it consists of a seamless aluminium body with a tinplate top double-seamed on to the body. In the centre of the top is a fine nozzle controlled by a valve operated by a slight pressure of the finger. The insecticide is packed under pressure of a propellant gas which, when the valve is opened, forces it out in a fine spray. The spray of a finger-tip dispenser is a true aerosol, i.e., a dispersion with a drop size not exceeding thirty microns. Dispersions of this order have the property of rapidly diffusing through the atmosphere (a four- or five-second burst of an insecticide from the finger-tip dispenser in the middle of a normal-sized room will within a few minutes have diffused throughout the whole atmosphere of the room in a concentration lethal to the majority of flies and other insects, and the concentration will remain effective from two to three hours).

Proprietary Articles Trade Association

Alterations to Protected List (Part 1).—*Potter & Clarke, Ltd.*, Revised bonus offer: Six doz. assorted P.A.T.A. specialities, less 5 per cent.; twelve doz., less 7½ per cent. Not less than one doz. of any one item may be included in the assortment, and the discount is given in return for a window display.

Additions to Protected List (Part 2).—*Northam Warren, Ltd.* (agents, *J. C. Gambles & Co., Ltd.*), Cutex manicure series, nail-white pencil, T4, 7s. 3d. doz., tax 100 per cent., inclusive retail price 1s. 6d.

R. J. Reuter Co., Ltd., 4711 eau de Cologne Series: Bath cubes, eau de Cologne, 9005, 20s. doz., tax 100 per cent., i.r.p. 4s.; Tosca, 9006, 20s. doz., tax 100 per cent., i.r.p. 4s.; Famous Rhine lavender, 9007, 20s. doz., tax 100 per cent., i.r.p. 4s.; assorted, 9008, 20s. doz., tax 100 per cent., i.r.p. 4s. Bath salts, eau de Collogne, 9174, 38s. 2d. doz., tax 100 per cent., i.r.p. 7s. 6d.; Tosca, 9184, 38s. 2d. doz., tax 100 per cent., i.r.p. 7s. 6d.; Famous Rhine lavender, 9194, 38s. 2d. doz., tax 100 per cent., i.r.p. 7s. 6d. Talcum, Tosca, 9314, 15s. doz., tax 100 per cent., i.r.p. 3s. Bath dusting-powder, Tosca, 9232, 50s. doz., tax 100 per cent., i.r.p. 10s.; eau de Cologne, 9233, 50s. doz., tax 100 per cent., i.r.p. 10s.

Alterations to Protected List (Part 2).—*Northam Warren, Ltd.* (agents, *J. C. Gambles & Co., Ltd.*), Cutex manicure series, cuticle remover, T1, 10s. 9d. doz., tax 100 per cent., i.r.p. 2s. 3d.; liquid polish (clear), T10, 10s. 9d. doz., tax 100 per cent., i.r.p. 2s. 3d.; liquid polish (cream), T22, 10s. 9d. doz., tax 100 per cent., i.r.p. 2s. 3d.; cuticle cream, T13, 10s. 9d. doz., tax 100 per cent., i.r.p. 2s. 3d.; cuticle oil, T13, 10s. 9d. doz., tax 100 per cent., i.r.p. 2s. 3d.; polish foundation, T23, 10s. 9d. doz., tax 100 per cent., i.r.p. 2s. 3d.; oily polish remover, T30, 10s. 9d. doz., tax 100 per cent., i.r.p. 2s. 3d.

Sparklets, Ltd., Increased prices, August 1, Sparklet C bulbs, box of six, 31s. doz., 3s. 3d. (exempt).

Disclaimer.—Dr. Louis Moss wishes it to be made clear that he is in no way connected with the proprietary adrenaline cream, Balmadren, mentioned in a recent issue of THE CHEMIST AND DRUGGIST.

TOILET PREPARATIONS ON PRESCRIPTION

RECOMMENDATIONS on the classification of toilet preparations for the purposes of the National Health Service have been published as a second report by the Central and Scottish Health Services Councils' definition of drugs joint subcommittee, under the chairmanship of Sir Henry Cohen.

General Principles

As with foods (see *C. & D.*, May 20, p. 644), the subcommittee states that decisions must be to some extent, arbitrary, but the following general principles are recommended:—

A. It is unethical for a doctor to order a preparation of undisclosed composition. Those preparations should therefore not be ordered on Form E.C.10.

B. Preparations normally used for toilet purposes should not be ordered on Form E.C.10 even though their composition is disclosed or included in the British Pharmacopœia or British Pharmaceutical Codex.

(i) The following are to be regarded as being covered by the phrase "preparations normally used for toilet purposes":—

Astringent lotions, bath salts, cold creams, face powders, hair tonics, hand creams, shampoos, shaving creams, shaving soaps, shaving styptics, skin lotions, soaps, tooth pastes, tooth powders, talcum powders, vanishing creams, and similar preparations.

(ii) The following are examples of preparations coming within this category which are included in the B.P.C.:—

Cologne spirit, ointment of rose water, paste of stearic acid, paste of hamamelis.

C. Certain proprietary preparations for which prophylactic or therapeutic claims are made should not normally be ordered on Form E.C.10 if they may be used for routine toilet purposes. A doctor who prescribes such preparations may be required to justify his action to the local medical committee if he is to avoid being surcharged with the cost of the preparation. The following proprietary preparations are in this category:—Toilet preparations (i) of alleged prophylactic value, such as anti-midge and barrier creams; (ii) which are vehicles for some form of medicament, such as medicated soaps; (iii) for use by persons susceptible to allergic or trophic skin reactions.

Copy to Every Doctor

Every general practitioner taking part in the Health Service will receive a copy of the report together with a covering letter from the local Executive Counc pointing out that there is no intention restricting the prescribing of any prepara tion which a doctor considers can be just fied in the best interests of his patients an that the report has no statutory force an any question of doubt as to whether i particular circumstances there is justific tion for prescribing a preparation whic might be used for toilet purposes will co tinue to be decided by the Local Medic Committee. The report is also bein brought to the notice of medical staffs hospitals.

Copies of the report entitled "Th Second Report of the Definition of Dru Joint Subcommittee of the Standing Med cal, Pharmaceutical and General Pract tioner Advisory Committees" are obtai able from H.M. Stationery Office, pri twopence each.

RUNNING ITS COURSE

"IT takes a fortnight to cure a cold wrote a Peripatetic Correspondent of th "Lancet" in a recent issue. "If you lea it alone it gets better in two weeks. I ha just learnt the sad truth of this cynical stat ment. As I woke up this morning with streaming cold I recalled a recent artic saying something like: 'The initial sta of a cold is an allergic reaction which nearly 98 per cent. of cases can be insta taneously cured with antihistaminics.' had only to reach out for the latest sampl and down went an enormous dose. It p me to sleep for several hours but left n cold wide awake. The local chemist tri to be helpful: 'A thousand milligramm of ascorbic acid will soon get rid of yo cold,' he advised, and made me swallo twenty tablets of vitamin C every fe hours. My friend, the physiotherapist, w very sorry to hear that I had a col 'Some U.V.L. and local shortwave w soon fix it,' he pronounced cheerfully, a proceeded to treat me with childlike fai and conviction. Home at last, after a bu surgery where the treatment of colds w the main item on the agenda, I placed m self again in the soporific arms of an histaminics, endured the astringent tas of ascorbic acid, and was just about to t a new vasoconstrictor on my nasal muco when my wife said: 'Take two aspiri and a hot drink and you'll be cured t morrow.' Tomorrow? From tomorrow will be only thirteen more days to go."

SCOTTISH ORDER NULLIFIES ONCOST CUT

the court of Session, Edinburgh, on ly 26, Lord Mackintosh pronounced an terim declaratory order to the effect at Executive Councils in Scotland were ot entitled to put into effect the recent ecision of the Secretary of State for cotland (see *C. & D.*, June 3, p. 685) deduct 8 per cent. from the amounts ue to chemists for drugs and appliances pplied on and after July 1, 1950. The ecision was given after hearing an appliation by Mr. George Hedderwick, M.P.S., 4 Blackfriars Street, Edinburgh, for an rder to prevent the Executive Council for dinburgh from putting the purported ecision into effect.

Lord Mackintosh said the action would rm a model for twenty-three others which ad been brought by individual contractors gainst all the Executive Councils in cotland except Orkney.

linister's Authority in Question

Mr. John Cameron, K.C., on behalf of e chemists, said that the question raised the series of actions was whether the ecretary for Scotland was entitled, at his wn hand, to make radical alteration in e terms and conditions of the moneys nd payments received by chemists in cotland. Under the National Health ervice Regulations, payments made to hemists were controlled by the Drug Tariff, which fixed the remuneration to be iven to chemists for drugs, appliances and ispensing fees. He submitted that there vere no powers to modify or alter the ariff issued under the National Health egulations, either by the Executive Counil or the Secretary for Scotland, except in he case of fluctuations in the cost of drugs. If the Secretary of State wanted o make a wholesale reduction of 8 per cent. in the total payment to chemists, he would require permission from Parliament. The sum at stake had been computed at more than £250,000 annually to chemists throughout Scotland. If the Secretary of State were allowed to reduce payments on this occasion, it was possible that there might be further reductions.

On behalf of the Executive Councils and the Secretary of State, it was represented that there was no urgent reason why such an order should be made at that stage. Such an order would almost amount to prejudging the question. Lord Mackintosh thought that that was putting the case too high. The Government's counsel then said that in many instances it had been found in the final accounting that some chemists had been paid more than they were entitled to. It was quite wrong to say that they were suffering an 8 per cent. reduction, because they were now getting more than they had previously received.

Lord Mackintosh said that people were entitled to get paid for what they had done under their contracts. If they felt that the contract had been altered they were entitled to come to court.

In his Lordship's opinion it was right, and in the interests of the parties who were in service under the terms of service which were set forth in the Tariff, that the present state of matters should be maintained until the question, which he thought was a serious one, could be determined in due course in the law courts. The declaratory order (that the purported decision of the Secretary of State for Scotland amending the Drug Tariff prepared by him under regulations issued under the National Health Service (Scotland) Act, 1947, with effect from July 1 was null and void) would be pronounced also in the twenty-three other cases.

C. & D. DISPENSING PRICE LIST

The following price changes which occurred during July should be noted. The drug index for the month was 166.5.

Cost		Item	Retail Price		
			4 oz.	1 oz.	1 dr.
d.	*per*		*s. d.*	*s. d.*	*s. d.*
25	dr.	Amphetamin. sulphas S.1.(4) per grain	—	0 1	3 8
42	lb.	Confectio sennæ . .	1 6	0 5	0 1
48	lb.	Glyc. plumbi subacet. P.1.(9)	2 7	0 9	0 1
108	lb.	Inf. rhei conc. . .	4 0	1 1	0 2
156	dr.	Santoninum . .	per	grain	0 6
120	lb.	Syr. cascaræ aromat., B.P.C.	4 9	1 4	0 2½
36	lb.	Syr. rhei	1 9	0 6	0 1
24	lb.	Talc. purif., B.P.C., steril. . .	0 11	0 3	—
81	oz.	Ung. cocainæ, B.P.C. '34. D.D.	—	11 9	2 0
28	lb.	Ung. zinci oxid. . .	1 0	0 3½	—
27	lb.	Zinci oxidum . .	1 0	0 3½	—

QUALITY SELLS

Despite changing selling conditions, there is a regular demand for John Bell's preparations. They are dependable, reasonably priced and allow a fair margin of profit to retailers. The public are asking for them. Are you in a position to supply?

JOHN BELL'S

TONIC PHOSPHATES

	Retail Price	Wholesale Price
4 oz. size	2/6d.	14/6d.
8 oz. size	4/3d.	24/6d.
16 oz. size	7/7d.	43/-

TIN OX TABLETS

Large size	3/3d.	17/6d.
Small size	1/6d.	8/6d.

SUNBURN LOTION

Large size	2/3d.	13/6d.
Small size	1/6d.	9/-

SEA & TRAVEL SICKNESS REMEDY

Well proved and popular with the public year in and year out.

Prices are subject to a discount of 5% for orders value £5, which may include other "J.B." lines.

JOHN BELL, HILLS & LUCAS, LTD.
OXFORD WORKS,
WORSLEY BRIDGE RD., LONDON, S.E.26

FLIES!!!

'VOLATOX' makes the light A KILLER FOR THE WHOLE SEASON.
You just fit it on the lamp
Write for full particulars

RETAIL PRICE **1/6D**

ASSOCIATED FUMIGATORS LIMITED, 112 Victoria Dock Rd. London, E.16 and Liverpool. *Telephone: Albert Dock 2145-6*

(B

BURROUGH'S No licence now required. **S.V.R.**

James Burrough Ltd., 1 Cale Distillery, London, S.E.11

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SPECIALISTS IN B.P. POWDER
SAMPLES AND PRICES ON REQUEST
FREUDENTHEIL, SMITH & CO., 16 Philpot Lane, London, E.C.3
MANsion House 1924 & 6600. Estd. 1826

Metaldehyde

BRITISH MADE

KILLS SLUGS and SNAILS
IN PACKETS 1/3, 2/4, 5/6

METALDEHYDE HAS ALSO MANY USES IN THE HOME AS A SAFE SOLID FUEL

TRADE ENQUIRIES TO :—
H. R. NAPP LIMITED
3 & 4, Clements Inn, LONDON, W.C.2

● WILCOX, JOZEAU & CO., LTD.

WHITE LION ST.

CACHETS FAIVRE

Dr. Faivre Brand Cachets of

OXYQUINOTHEINE

Supplied in one size only—boxes of 12.

Retail, 4/1½, including P.T.

Wholesale, 30/6 per doz., plus 33⅓ per cent. P.T.

● TELEPHONE: TERMINUS 3088

NEW ADVERTISING

ideas are needed to boost the public demand for your lines. We have 40 years' specialised knowledge of the proprietary market. Write for coloured folder containing specimens of some of our successful Ads.

Stuart Hirst Ltd.

SURVEY HOUSE, 15 BOND ST., LEEDS
Grams: "Consult, Leeds" *Phone: Leeds 2277*

INFORMATION WANTED

The Editor would appreciate information about suppliers of the following items:

Peredren nasal drops
Holvita tablets
Metobryl
Iradina, Ltd. (addre
Dalocarbon
Spyryl
Lanturil (for hook-worm)

The
HEMIST AND DRUGGIST
RETAILER—WHOLESALER—MANUFACTURER
ESTABLISHED 1859
culates throughout the Pharmaceutical, mical, Drug, Essential Oil, Perfumery, metic, Toilet Preparation and allied Trades throughout the World
cial organ of The Pharmaceutical iety of Ireland, The Pharmaceutical iety of Northern Ireland, The Chemists' Druggists' Society of Ireland and of r Chemists' Societies in the Empire.
. CLIV AUGUST 5, 1950 No. 3676

Scottish Court Upholds the Contract

notable success of Scottish chemists ecuring a court ruling (p. 175) against imposition of a cut in N.H.S. oncost iout the preliminary of revising the tract does credit to the initiative and lution of Mr. George Hedderwick and twenty-three colleagues, acting in the ie of Scottish contractors as a whole. to be intimidated by the communica- is sent out by the Department, however eriously worded, they determined to their challenge to the test of a judicial ision. That the decision has gone in ir favour not only vindicates their on, but is a further example also, if any e needed, of the impartiality and in- endence of the judicature *vis-à-vis* the cutive authority.

Mr. Hedderwick writes: The result will vide a real stimulus to Scots chemists o feel—and rightly—that they are tired two years' protracted negotiations with Department of Health and getting no sfaction. They have provided excellent vices. They have had to wait endless nths for part of their remuneration, and imposition of a cut of 8 per cent. was them the last straw that broke the nel's back. Until October, when the e will be debated in Court, they are v protected against the cut. In the antime, he adds, "we must unite our ces. There can be no slackening off, as rd Mackintosh's decision is in reality y a postponement. The action being ainst the State, his Lordship could not pronounce an interim interdict but granted a declaratory order which is, I understand as a layman, the next best thing."

There may, it is true, be ways by which the Department of Health may eventually secure its objects despite the decision of Lord Mackintosh at Edinburgh, but it is right and salutary that a sharp reminder should have been given that a contract is a contract, and not to be broken by unilateral action, and especially action by the side which ought to embody all those principles of straight dealing which are the very fundamentals of good government. Without them, the community's confidence in its political system, which has over many generations been a vital factor in the stability of these islands, would soon degenerate into mistrust and chaos.

Packages Canada Welcomes

As one of its responsibilities in the dollar export drive the Government undertook to supply manufacturers and exporters with information about the problems of the North American markets. A recent survey (p. 182) by the British Export Trade Research Organisation of the views of the Canadian housewife and dealer on British packaging provides British manufacturers of medicines, brushes, perfumes, etc., with much food for thought. Inevitably criticism figures more prominently in the Report than praise, since the purpose of the survey was to help British manufacturers to package their goods in ways that would increase sales. Some of the interviews took place over twelve months ago, since when there has undoubtedly been an improvement in standards of British packaging for the Canadian and other markets. Nor do the various objections raised in each group necessarily apply to every product that comes from the United Kingdom, for it will be recognised that similar packs to those of the popular Canadian goods illustrated (p. 182), can be purchased in pharmacies on this side of the Atlantic.

Nevertheless, packaging for medicines came in for the greatest barrage from the critics. To meet the criticisms, many manufacturers might find it necessary completely to change the designs of their

present packages or, if that is not possible, to create a special new package for Canada.

The President of the Board of Trade concludes his foreword to the report: "Nothing matters more today than that this (the campaign to increase dollar exports) should succeed." Manufacturers would be encouraged if he would ease some of the home-market problems that are acting as a brake upon the development of dollar markets overseas. Even without such stimulus, the recommendations of the Canadian consumers are worthy of study.

Record Exports of Medicines

UNITED Kingdom exports of all classes of goods in June amounted to £175.8 millions, a decrease of £6.7 millions compared with May but £3.9 millions more than the average for the first quarter of the year. Exports in the chemicals group were valued at £8,428,589, against £8,504,103, the previous month's record total; June exports were the next highest on record. Manufactured drugs, medicines and medicinal preparations reached a record total of £1,906,857, against a May figure (the next highest) of £1,786,619. The total for exports of medicines in the first half of the year was £9,887,006, against £9,699,393 in t corresponding period of 1949. Exports proprietary medicines in June were valu at £431,681, a higher total than in a month since June 1949, when the figu was £437,226. Quinine exports amount to £44,718 (June 1949, £34,405); aspir to £40,641 (£42,066); insulin to £32,1 (£35,451); penicillin to £268,9 (£241,916); ointments and liniments £77,055 (£82,071); and various oth medicinal products to £1,011,7 (£803,597). Overseas markets were se disinfectants, insecticides, sheep and cat dips, etc., to a total value of £325,1 (£296,704).

Exports of perfumery and toilet prepar tions (excluding perfumed spirits, essent oils and soap) in June showed an improv ment and were valued at £358,736 co pared with £325,578 in the previo month and with £339,970 in June 194 The six-monthly total, however, £1,884,193, compares very unfavourab with the corresponding figure, £2,215,81 for 1949. Tooth and denture preparatio exported in June were valued at £74,3 against £59,939 a year earlier, and of c metics at £131,455 (£105,958). Shipme overseas of powder bowls, compacts a powder puf totalled £21,2 (£12,041). Toc and denture brus were valued £27,530 (£16,7 and other toi brushes (includi hair and shavi brushes) at £37,0 (£34,584). A la increase occur in exports of p fumes (spirituo which totall £65,357 (£34,36 exports of essent oils, however, w slightly lower a totalled £41,7 (£42,596). Sh ments of toilet sc were valued £127,06 (£162,440).

Area	1949	1950		
	Year	1st Quarter	April	May
U.S.A. and possessions	161	226	186	142
Canada	152	224	280	333
Western Hemisphere (non-dollar countries)	552	637	697	773
American Account countries	99	200	148	212
Commonwealth (sterling members) ..	2,153	1,624	2,044	2,501
Union of South Africa	366	313	407	366
British Colonies ..	1,109	1,308	933	1,281
Iraq and Burma ..	93	144	76	73
Non-sterling O.E.E.C.	1,405	1,880	1,437	1,552
O.E.E.C. Possessions	102	101	218	123
Irish Republic and Iceland	270	325	249	321
Eastern Europe ..	255	177	104	184

DESTINATIONS *of exports of the chemicals group are given in the above table. Values are in £ thousands, and are monthly averages or for calendar months.*

Pharmacists and Atomic Warfare

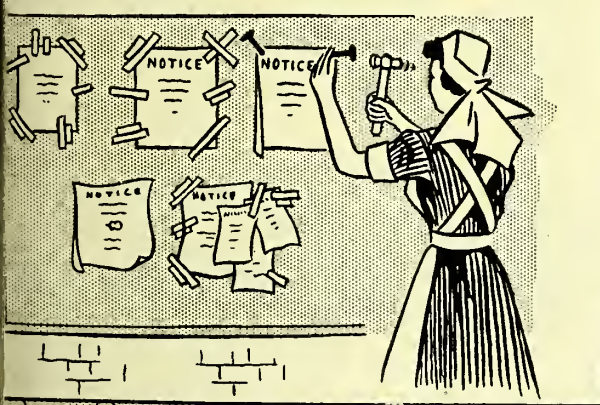
DURING the 1939-45 war, many pharmacists, traditionally associated with first aid, gave of their time in preparing to help civilian war-injured or in the related field of preparing to minimise the effects of possible gas attacks. Mercifully, anti-gas preparations were not required. Should a third conflict sweep the world, civil defence authorities would have to be prepared for the use of the latest form of mass destruction — atomic warfare. It would not be assumed, of course, that that form of attack would necessarily be used, but the Government has considered it necessary to publish a Civil Defence Pamphlet (No. 6) devoted to atomic warfare and based on the known results of bombs used against Hiroshima and Nagasaki. To the major effects of other bombs—blast and heat flash—the atom bomb adds another lethal factor, radiation (responsible for 15 to 20 per cent. of the Japanese deaths in the cities). The technicalities of dealing with that hazard call for a larger proportion of technically trained persons, among whom pharmacists might prove of particular service.

The pamphlet describes, within the compass of eight pages, the types of radiation likely to be experienced, the apparatus available for detecting and measuring them, methods of personal cleansing, radiation syndrome, first-aid treatment, and radioactive poisoning. Illustrations are given of the individual quartz-fibre electroscope, a portable dose-rate meter, and a contamination meter that measures radioactivity in amounts from microcuries to curies.

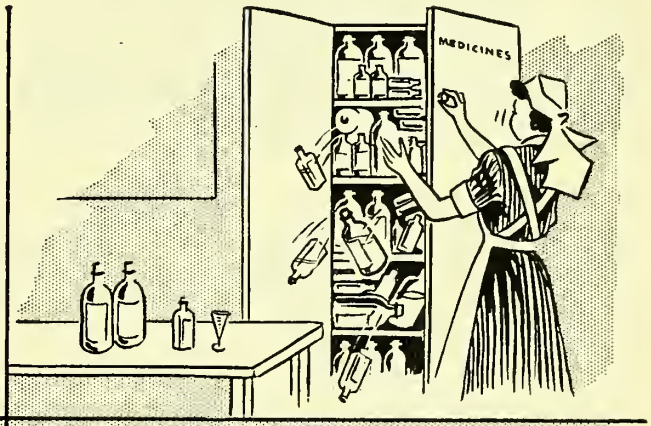
ECONOMIES IN HOSPITALS

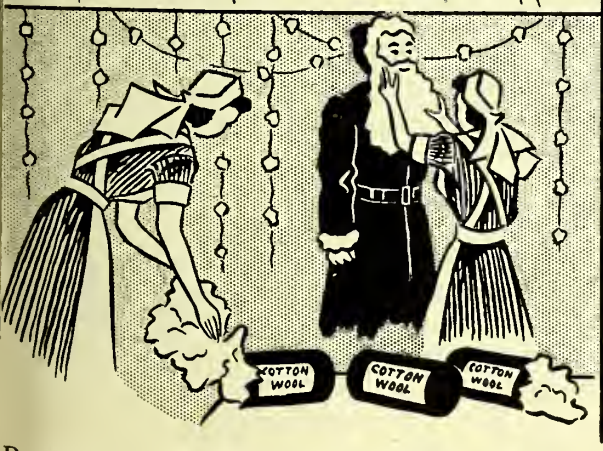
C. & D. artist illustrates a recent memorandum to hospital authorities from the Ministry of Health (see *C. & D.*, July 22, p. 98)

"THE abuse of adhesive strapping for sticking splices, etc., should be avoided. Suitable alternatives should be requisitioned and obtained."



"THE practice of wards having an excessive 'spare' or 'floating' stock should be discouraged."





"DRESSINGS should not be used for any unauthorised purpose."

"ALL abuse and waste of methylated spirit, ether, iodine and other lotions should be avoided."

IRELAND'S MANSION, SHREWSBUR

Built when Elizabeth was Queen : a pharmacy for 150 yea

IN premises in the centre of Shre bury is a pharmacy which for 1 years has been principally in t hands of two families. The present own Mr. Hubert Adams, Ph.C., who qualified 1906, and passed the higher examinat the following year, took over when father, the late Mr. William Adams, Ph. died in 1942. Father and son had been partnership as William Adams & Son (name under which it is still carried for many years. Mr. William Adams l come to Ireland's Mansion in 1881 to into partnership as Payne & Adams, Payne, his partner, later sold his sh Subsequently, Mr. Adams bought the p mises outright.

Eighty Years Under the Whitneys

Before that the business was conduc under the style George Whitney & by Mr. George Whitney (born 1800) w had at an earlier date traded under own name. A previous owner was James Whitney, possibly the father George. The precise date of James W ney's first ownership is not known w certainty, but he was apparently in oc pation of the premises around 1800 or e earlier.

Above: Full view of the frontage, with its half-timbered upper stories. Below: Shop entrance and win

Shop-rounds continue to provide the background for the serving counter.

The premises themselves, situated in the High Street, were erected in 1572. For such a well-preserved timbered Elizabethan building they hold the curious distinction of providing a frame for the first plate-glass shop windows installed in Shrewsbury.

It seems probable that as Adams & Son the business will continue to justify its title for many years to come. Mr. Hubert Adams, now sixty-six years of age, is assisted by his son, Mr. John Hubert Adams, M.P.S., who qualified in 1948 after service in the Royal Air Force. Mr. John Adams has also a son, Christopher, now nearly two years old, whose future seems assured if he chooses pharmacy as a career.

A PHARMACIST'S ANTHOLOGY

I GOT up, and considered now was my time to get something to refresh and support myself when I should be ill. The first thing I did was to fill a large case-bottle with water, and set it upon my table in reach of my bed; and to take off the chill or aguish disposition of the water, I put about a quarter of a pint of rum into it, and mixed them together. . . Now, as the apprehension of the return of my distemper terrified me very much, it occurred to my thought that the Brazilians take no physic but their tobacco for almost all distempers; and I had a piece of a roll of tobacco in one of the chests, which was quite cured; and some also that was green, and not quite cured. I went, directed by Heaven, no doubt: for in this chest I found a cure both for soul and body. I opened the chest, and found what I looked for, viz., the tobacco. . . What use to make of the tobacco I knew not, as to my distemper, nor whether it was good for it or not; but I tried several experiments with it, as if I was resolved it should hit one way or other. I first took a piece of a leaf, and chewed it in my mouth; which, indeed, at first, almost stupefied my brain; the tobacco being green and strong and steeped it an hour or two in some rum, and resolved to take a dose of it when I lay down; and lastly, I burnt some upon a pan of coals, and held my nose close over the smoke of it as long as I could bear it; as well for the heat, as almost for suffocation. . . I drank the rum in which I had steeped the tobacco; which was so strong and rank of the tobacco, that indeed I could scarce get it down; immediately upon this I went to bed. I found presently the rum flew up into my head violently; but I fell into a sound sleep. . . When I awaked I found myself exceedingly refreshed, and my spirits lively and cheerful: when I got up I was stronger than I was the day before, and my stomach better, for I was hungry; and, in short, I had no fit the next day, but continued to be much altered for the better.

—From "Robinson Crusoe," by Daniel Defoe.

PACKAGING FOR CANADA

INFORMATION on methods of packaging most suited to the Canadian market are contained in a report recently published by H.M. Stationery Office (price 3s.). The report is based on research undertaken for the Board of Trade in 1949 by the British Export Trade Research Organisation.

The purpose of the survey was to assist United Kingdom manufacturers to design the packaging of their products to conform to the needs and tastes of Canadian consumers. The idea was originally suggested by the U.K. Senior Trade Commissioner in Ottawa. The report contains a full account of how the survey was carried out; the greater part of the information was based on interviews with many hundreds of consumers and retailers. It is solely concerned with the display rather than the protective side of packaging. It deals with packages as delivered over the counter to the purchaser, and with the direct influence of those packages on sales.

CANADA'S PREFERENCES packaging are embodied in t own best packs, as shown—t protected window drum, hing lid cotton-wool " dispenser rigid transparent cartons, e

Medicines and Toilet Preparations

Amongst the particular products which the report studies in detail are: Medicines; perfumes and toilet waters; toilet brushes; and adhesive tapes. The selection was made primarily according to the type of retail outlet through which the products were sold, and attention was concentrated on examples in which a single retailer normally sells a variety of products.

The pharmacists interviewed were sampled in regions, in proportion to total sales in each region. 540 women consu ers were questioned about packaged med cines. It was found that British goods we stocked by most, but not all, of the stor visited. Packaged medicines and adhesi tape were among the most widely distrib ted British products in Canada. Reaso given by the retailers who stocked no B tish lines for not taking them up were:-

No demand; not advertised, 57 per cer

No travellers call, difficult to obtain, per cent.

The results suggest that, if British goo were more heavily advertised, considerab more retailers would stock them.

Over three-quarters of the housewiv interviewed were unfamiliar with t names of any British brands of packag medicines. A representative sample (55 of housewives was asked what kind of pac aged medicines they had in the house, a an analysis of their replies is given in t table on the opposite page.

Medicine	kept in the house by
Headache remedy	87
Laxative	78
Ointment	76
Liniment	72
Antiseptic	70
Nose drops	57
Effervescent salts	56
Cough syrup	52
Vitamins	45
Cough pastilles	31
None	1

Medicines are sold to only a small extent as a result of "impulse" purchases. Recommendation by the pharmacist is important, and packages that display well help to earn the seller's goodwill.

Bottles Preferred

In general, bottles were found the most popular containers, and cartons the least popular for powders or granules. Tins might prove more suitable for particular products and might be used when reasons other than buyers' preference made them a desirable package. For tablets, by far the most popular containers were bottles (79 per cent.), the remaining figures being: Tins (12 per cent.); sealed strip (7 per cent.); cartons, (2 per cent.). There was, as yet, no universally held viewpoint on sealed strip amongst housewives, but it appeared that the method tends to be regarded unfavourably. It probably inherits some of the general opposition to packaging in cartons.

Of the closures preferred and disliked for medicine bottles, by far the most popular were screw tops. Plastic tops were praised as hygienic and for their appearance in contrast with metal tops, which were occasionally alleged to rust. Either kind of closure is acceptable to Canadian housewives, but care should be taken, in selecting a plastic material, to choose one that does not chip.

Over half the housewives (in Quebec, 75 per cent.) used the measuring marks on bottles, at least sometimes, so that the marks are thought worth putting on the bottles. Medicine bottles and jars should always be placed in cartons, which give valuable protection against breakage and it is advisable to include a direction slip in French as well as English.

Dealers' criticisms of British proprietary packaging are mostly concerned with their appearance and suitability for display. Lack of colour, "dull" designs, use of poor cardboard for cartons, and insufficient use of transparent film, were the chief complaints. The packaging of British medicines was criticised more than that of any other class of product.

Perfumes and Toilet Waters

The chief objections to British packaging of perfumes again concerned their appearance. The usual complaints were lack of colour (too many "pastel" shades), inadequate combinations of colour, and general lack of brightness. Many critics thought that boxes should help to make the bottle of perfume look big, but small sizes were also recommended, so that intending buyers may sample the product. Greater use of transparent film was called for. Similar objections were levelled against containers for toilet brushes which were described as "colourless and dowdy." In addition, tooth-brush containers were sometimes of a shape that was found difficult to stack or display.

Criticism of the packaging of British adhesive tape and bandages was not strong, and referred usually to colour and design.

AUSTRALIAN IMPORTS AND EXPORTS

FIGURES released by the Commonwealth of Australia Statistician recently show an increase of over £500,000 in the value of chemicals, drugs and medicines imported into Australia in the year ended June 30, 1949, compared with the year 1947-48. Annual values are:—1948-49, £8,981,913, 1947-48, £8,422,002. The comparable figure for 1938-39 was only £4,372,208. Sectional totals for 1948-49 are:—Drugs and medicinal preparations £1,692,320 (1947-48 £1,961,531); dyes £1,658,694 (£1,011,171); sodium salts £1,353,704 (£1,002,082); miscellaneous chemicals and drugs £3,235,928 (£2,973,367); perfumery and toilet preparations, £379,671 (£463,381).

Exports showed a substantial drop, and only reached £2,721,219 in 1948-49, compared with £3,156,431 in 1947-48, and £4,264,040 in 1946-47 (the peak year). Exports ten years ago were valued at only £728,624. Sectional totals were:—Drugs and medicinal preparations, £1,063,243 (£882,474); miscellaneous chemicals and drugs £1,024,373 (£1,278,001); essential oils, £195,915 (£410,895); perfumery and toilet preparations, £165,070 (£192,443).

CODEX AMENDMENTS

AMENDMENTS as shown in the table below have been made to the British Pharmaceutical Codex and are to take effect from September 1, 1950.

Page and Line	*Amendment*
1111, 16	*Emulsio paraffini liquidi cum agar:* For sodium benzoate 1.7 gm. 7½ gr. read benzoic acid 3.0 g. 13 gr.
23	For sodium benzoate read benzoic acid.
1112, 17	*Emulsio paraffini liquidi cum glycerophosphatibus:* For sodium benzoate 1.7 gm. 7½ gr. read benzoic acid 3.0 g. 13 gr.
1112, 44	*Emulsio paraffini liquidi cum hypophosphitibus:* (As line 17).
1113, 2	Delete: And the sodium benzoate.
3	After: Saccharin, insert: The benzoic acid.
1114, 38	*Emulsio paraffini liquidi et kaolini:* For sodium benzoate 1.7 gm. 7½ gr. read benzoic acid 3.0 g. 13 gr.
43	For sodium benzoate read benzoic acid.
1251, 20	*Pilulæ:* After coating insert: Except that enteric coatings may contain suitable colouring matter.
1297	*Syrupus codeinæ phosphatis:* After line 14 insert: Spirit of chloroform 25 mil. 120 m.
17	After water, insert: And add 750 mil. (7½ fl. oz.) of the syrup and the spirit of chloroform. Mix.
1311, 21	*Tabellæ:* After coating insert: Except that enteric coatings may contain suitable colouring matter.
1320	*Tabellæ bismuthi et sodii bicarbonatis:* After line 28 insert: The disintegration test does not apply to tablets of bismuth and sodium bicarbonate. Tablets of bismuth and sodium bicarbonate should be masticated before being swallowed.
1321	*Tabellæ calciferolis fortes:* After line 24 insert: Strong tablets of calciferol shall be coated with sugar or other suitable material. The disintegration test does not apply to these tablets.
1322	*Tabellæ calcii gluconatis:* After line 46 insert: The disintegration test does not apply to tablets of calcium gluconate. Tablets of calcium gluconate should be masticated before being swallowed.
1335	*Tabellæ magnesii carbonatis compositæ:* After line 48 insert: The disintegration test does not apply to compound tablets of magnesium carbonate. Compound tablets of magnesium carbonate should be masticated before being swallowed.
1342	*Tabellæ phosphatum et hypophosphitum compositæ:* After line 43 insert: Compound tablets of phosphates and hypophosphites may be coated with sugar or other suitable material. The disintegration test does not apply to the coated tablets.
1346	*Tabellæ santonini:* After line 30 insert: The disintegration test does not apply to tablets of santonin which have been prepared in a chocolate basis. Tablets of santonin prepared in a chocolate basis should be masticated before being swallowed.

HEALTH SERVICE IN NORTHERN IRELAND, 1948-4

THE first annual report of the Norther Ireland General Health Services Boar covering the period up to March 31, 194 recently published shows that the number c prescription forms received by the Dru Pricing Bureau for the period July 5-3 1948, was two-and-three-quarter tim greater than the number received unde National Health Insurance for July 194 (almost 50 per cent. more than had bee expected). The number for August 194 proved to be three-and-a-half times th number received during August 1947, an immediate steps were taken to increa the pricing staff by the recruitment ten additional girls, the maximum numb which it was then possible to accomm date and train. The benefit of that i crease in staff was not immediate and th Bureau fell into arrears with pricing. system of interim payments was introduce

The number of Health Service prescri tion forms received by the Board durir the period July 5, 1948 to February 2 1949 represented an average of 2.1 form for each person on a doctor's list, and ov three-and-a-half times the number of form received under National Health Insuran for the corresponding period of the ye 1947-48. The number of forms receive and the amount paid to contractors ea month during the period were as shown i the table below. On average each prescri tion form represented approximately 1 prescriptions.

Month	Number of forms	Amount pai
1948		
5—31 July	180,243	£39,669
August	241,047	£55,853
September	276,765	£66,063
October	307,553	£75,936
November	343,412	£64,123*
December	307,683	£60,996*
1949		
January	370,887	£76,549*
February	370,028	£77,340*
TOTAL ...	2,397,618	£516,529

*Advance payment only.

No complaints against chemists we received by the Board necessitating invest gation by the Services Committee.

Copies of the report may be obtaine from the Board, 9 Upper Queen Stree Belfast, price 1s. each.

SCIENCE PAPERS AT THE CONFERENCE

ITLES and authors of the papers to be ad at the Science Sessions of the eighty-eventh meeting of the British Pharmaceu-cal Conference, Glasgow, September 4-9, re as follows:—

uesday Morning, September 5

1. THE PREPARATION OF COMPRESSED ABLETS, III: A STUDY OF THE VALUE OF OTATO STARCH AND ALGINIC ACID AS DIS-NTEGRATING AGENTS. H. Berry and C. W. idout.

2. DISINTEGRATION OF COMPRESSED ABLETS: THE EFFECT OF AGE AND CER-AIN ASSOCIATED FACTORS. H. Burlinson nd C. Pickering.

3. THE REMOVAL OF BACTERIA FROM ILS BY FILTRATION. G. Sykes and A. oyce.

4. SOME PHARMACEUTICAL ASPECTS OF ITAMIN B_{12}. F. Hartley, P. Stross and . E. Stuckey.

5. BACTERIAL SURVIVAL IN SYSTEMS F LOW MOISTURE CONTENT, PART II: HE BACTERICIDAL EFFECTS OF CERTAIN UBSTANCES DURING THE SPRAY-DRYING ROCESS. K. Bullock and E. A. Rawlins.

6. ANTAGONISM BETWEEN NON-IONIC ETERGENTS AND ANTISEPTICS. A. Mirimanoff and Mademoiselle A. Bolle.

7. THE STABILITY OF INJECTION OF MORPHINE SULPHATE. G. E. Foster, Miss J. Macdonald and T. D. Whittet.

Tuesday Afternoon, September 5

8. THE TRYPTIC ACTIVITY OF PANCREA-TIN: A CRITICAL STUDY OF SOME ASSAY PROCESSES AND STANDARDS. K. Bullock and Jitendra Kumar, sen.

9. NOTE ON THE B.P. 1948 ASSAY PRO-CESS FOR TRYPSIN IN PANCREATIN. G. E. Foster and W. Smith.

10. THE ARSENIC LIMIT TESTS OF THE BRITISH PHARMACOPŒIA. W. Mitchell, Miss H. M. Perry and L. A. Shearing.

11. THE BEHAVIOUR OF SOME THIO-SEMICARBAZONES TOWARDS SILVER NI-TRATE AND A GRAVIMETRIC ESTIMATION OF 4-ACETAMIDOBENZALDEHYDE THIOSEMICAR-BAZONE. E. A. Haugas and B. W. Mitchell.

12. THE TUBERCULOSTATIC ACTIVITY OF SOME THIOSEMICARBAZONES. E. M. Bavin, R. J. W. Rees, J. M. Robson, M. Seiler, D. E. Seymour and D. Suddaby.

13. STUDIES IN THE CHROMATOGRAPHY OF SENNA AND RELATED COMPOUNDS. G. H. Macmorran.

14. THE PARTITION CHROMATOGRAPHY OF ALKALOIDS, PART III: THE ALKALOIDS OF *Punica Granatum*. J. Chilton and M. W. Partridge.

Wednesday Morning, September 6

15. A COMPARATIVE STUDY OF AGARS FROM VARIOUS GEOGRAPHICAL SOURCES. J. L. Forsdike.

16. VEGETABLE PURGATIVES CONTAIN-ING ANTHRACENE DERIVATIVES, PART II: THE EVALUATION OF SENNA POD AND ITS PREPARATIONS. J. W. Fairbairn and I. Michaels.

17. VEGETABLE PURGATIVES CONTAINING ANTHRACENE DERIVATIVES, PART III: GALENICAL PREPARATIONS OF SENNA POD. J. W. Fairbairn and I. Michaels.

18. A POLAROGRAPHIC INVESTIGATION OF THE REDOX CHARACTERS OF THE AMINOACRIDINES, CONSIDERED IN RELA-TION TO ANTIBACTERIAL ACTION. R. C. Kaye.

Friday Afternoon, September 8

19. THE BIOLOGICAL AND CHEMICAL ASSAY OF TINCTURES OF DIGITALIS. H. Brindle and G. Rigby.

20. THE PREPARATION OF LIQUID HUMAN PLASMA BY THE KAOLIN PROCESS. G. R. Milne and G. M. Todd.

21. THE USE OF SULPHATED WHOLE BLOOD IN THE ASSAY OF HEPARIN. S. S. Adams, with an interpretation of the data by K. L. Smith.

Duplicated copies of the papers listed above will be available a few days before the Conference. Members attending the Conference who would like copies are asked to communicate with the general secretaries, 17 Bloomsbury Square, London, W.C.1, enumerating the papers in which they are specially interested. Applications must be received not later than August 18.

Symposium Session

THE subject for discussion at the Symposium Session of the Conference on Friday morning, September 8, will be

FORMULARIES AND FORMULATION.

The opening speakers will be Professor J. P. Todd, Dr. A. Wilson, Miss M. A. Burr, and Mr. H. S. Grainger. There will be no advance copies of the papers presented by the openers.

GUIDE TO NEW MEDICAMENTS

Information about new proprietary medicaments to be supplied principally on prescri tions. Editorial recommendation is not implied. Reprints obtainable on applicatio

PROPONESIN

MANUFACTURER: The British Drug Houses, Ltd., Graham Street, London, N.1.

DESCRIPTION: Isopropyl chloride.

REFERENCE: "The British Journal of Anæsthesia," 1950, **22**, 92.

USE: As an anæsthetic, particularly in labour, the dressing of wounds and burns, ar dentistry. Should be administered by a closed or semi-closed circuit apparatus.

HOW SUPPLIED: Bottles of 8 fl. oz.

CALADRYL

MANUFACTURER: Parke, Davis & Co., Staines Road, Hounslow, Middlesex.

DESCRIPTION: A lotion containing: Calamine, 8 per cent.; β-dimethylaminoeth benzhydryl ether hydrochloride (Benadryl) 1 per cent.; camphor, 0.1 per cent.

INDICATIONS: Sunburn, insect bites, nettlerash, dermatitis, cosmetic allergy, napkin ras chapped hands, etc.

HOW SUPPLIED: Screw-capped 4 fl. oz. bottles for personal use and 80 fl. oz. dispensi bottles.

ORASECRON

MANUFACTURER: British Schering, Ltd., 229 Kensington High Street, London, W.8.

DESCRIPTION: Tablets for oral administration containing 10 gm. ethisterone and 0.(mgm. ethinyl œstradiol.

INDICATIONS: Secondary amenorrhœa, infertility due to nidatory failure, habitual ar threatened abortion after the crisis has passed, etc.

DOSAGE: As recommended by the doctor.

HOW SUPPLIED: In bottles containing ten, twenty-five, 100 or 250 tablets.

MICRYSTON PROGESTERONE

MANUFACTURER: Laboratories for Applied Biology, Ltd., 6 Percy Street, London. W. (Sole distributors: Coates & Cooper, Ltd., West Drayton, Middlesex.)

DESCRIPTION: A micro-crystalline suspension of progesterone in an isotonic aqueo vehicle, containing 12.5 mgm. of the hormone per c.c.

DOSE: 1.5 c.c. to be injected by deep intramuscular route.

HOW SUPPLIED: Vials of 8 c.c.

NOTES: The vehicle is rapidly absorbed, leaving a deposit of crystals of the hormone f slow absorption.

THEOSOL

MANUFACTURER: Savory & Moore, Ltd., 60-61 Welbeck Street, London, W.1.

DESCRIPTION: White tablets each containing: dextro-amphetamine, 2.5 mgm.; thyro gr. $\frac{1}{2}$; theobromine and sodium salicylate, gr. $2\frac{1}{2}$; and:
Brown tablets containing thyroid, gr. $\frac{1}{2}$; theobromine and sodium salicylate, gr. 2; phenobarbitone, gr. $\frac{1}{4}$; aloin, gr. $\frac{1}{8}$.

INDICATIONS: Obesity.

DOSAGE: 1-2 white tablets at breakfast and lunch time, and 1-2 brown tablets at bedtim

HOW SUPPLIED: In boxes containing 120 white tablets and sixty brown tablets.

ROAD TRANSPORT REGULATIONS

URING the past few months a number of hanges have taken place with regard to ad transport. Among the most impor- nt of these has been the naming of the appointed day" by the Ministry of ransport. This was laid down as Feb- ıary 1, 1950. The authority for this was e Transport Act, 1947, and its effect as been to limit the operations of the free" hauliers. It will be recalled that nder the Transport Act the British Trans- ort Commission, through the Road Haul- ge Executive, had to take over hauliers ho were predominantly engaged in long- istance road transport. These acquisitions ave been proceeding steadily since the assing of the Act and by February the oad Haulage Executive had, to a large xtent, completed this "take over." Phar- ıaceutical concerns will be aware that ertain types of traffic were excluded from he acquisition proposals and exempted rom the effects of some of the restrictions.

Exempted Traffic

The first two exemptions are (*a*) liquids arried in bulk in a tank permanently ffixed to the vehicle or in a tank of not ess than 500 gallons capacity; and (*b*) goods of a special character (e.g., danger- ous inflammable goods which, under an Act of Regulations relating specifically to uch goods, may only be carried in a vehicle pecially constructed or adapted and which are being so carried). After the appointed day, no haulage operators carrying under "A" or "B" licences are permitted to carry for distances of more than twenty- five miles from their operating centre ex- cept under a permit. The effect of this re- striction is that many haulage concerns that previously carried for pharmaceutical firms are now restricted in their operation. As already mentioned, the restriction re- fers to "A" and "B" licensees and this also includes vehicles operated under "A Contract" licences. It will be recalled that under an "A Contract" licence a vehicle is used solely for the carriage of a particular trader's traffic under a special contract. There has been some confusion as to the effect of the appointed day on the work which can be done with "C" vehicles. It must be stressed, therefore, that the Transport Act, 1947, and the re- gulations therefrom, including the restric- tion coming into force by virtue of the appointed day have no effect on "C" operators. Traders can still continue to carry their own goods in their own vehicles under "C" licence without any limitation as to distance. One further point regarding the twenty-five-mile radius from operating centres is that this is cal- culated "as the crow flies" and in most instances, therefore, journeys can involve distances which exceed twenty-five miles. The twenty-five mile radius may also be exceeded under a permit.

There are four types of permits, these being the original, substituted, ordinary and job. The original and substituted per- mits are not of particular concern at the present time as applications for them had to be made in July 1949. They refer to established long-distance haulage operators who were actually carrying on November 28, 1946. Similarly, the substituted permit is, in fact, an original permit which has been renewed under amended conditions. Of particular concern to pharmaceutical firms are the other two types of permit, the ordinary and the job permit. Appli- cations for an ordinary permit can be made by a road haulier, but it should be stressed that such applications have to be made to the Road Haulage Executive and this body has power to grant or refuse such permit and to attach any conditions to it which they think fit. In making such applica- tions considerable information as to the nature of the work to be undertaken has to be given. This includes details of the goods to be carried and the approximate tonnage, nature of journeys and, with re- gular services, their frequency. There is no appeal from the Executive's decision.

One Job Licences

The position with regard to the job per- mit is that these are of a more temporary character, although being similar to the ordinary permit. The validity of a job permit cannot exceed seven days and gen- erally application for such a permit is made to the local group manager of the Road Haulage Executive, who makes a decision regarding its grant or refusal. The job permit relates to a particular piece of work and is authorised in respect of one motor vehicle with or without trailer. This type of permit can be very useful as it permits of hauliers undertaking particular jobs which may arise at short notice. The permit is the endorsed duplicate of the application.

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quan ties of standard quality. Prices of crude drugs and essential oils vary as to brand or grac

28 Essex Street, W.C.2, August 2

DEMAND for PHARMACEUTICAL and FINE CHEMICALS has increased probably as a result of anticipated advances in prices. Rates for BISMUTH SALTS have been suspended following an announcement that BISMUTH METAL is to revert to the price prior to May 20. Increases are reported in prices of GLYCEROPHOSPHATES as a result of the higher cost of GLYCERIN. THYMOL has advanced 4s. per lb.; supplies continue very short. The markets for CRUDE DRUGS and SPICES have been active and in many directions a firm tone is apparent, particularly in produce from the Far East and from India. Spot Sumatra BENZOIN is tending dearer and it is understood that higher prices are asked at origin. Cape ALOES continues firm with very little available on the spot. There is no improvement in the supply position of ERGOT. Nicaraguan and Colombian IPECACUANHA have advanced in price. More interest has been shown in MYRRH and PODOPHYLLUM (*emodi*). Trading in Pará TONKA BEANS has been on a good scale. SENNA is a firm spot market with supplies negligible. CAMPHOR POWDER is in good request. MENTHOL continues in short supply on the spot and prices have risen slightly. CLOVES and GINGER are dearer on the spot and to come forward. It is difficult to get offers of NUTMEGS and price indications are very high. Values of CINNAMON are nominal; prices have risen substantially in Ceylon and it is rumoured that South Africa has been buying heavily.

In the ESSENTIAL OILS markets, Chinese ANISE and CASSIA, Ceylon CITRONELLA, and CLOVE OILS continue firm. Higher c.i.f. prices are asked for LEMONGRASS. ORANGE oils have been in good inquiry; there is very little West Indian or Palestinian offering on the spot. New-crop French LAVENDER is expected to be dearer. An auction of essential oils was held in London yesterday. Although the attendance was large, bidding was not very brisk and many lots were bought in.

U.S. Drug and Chemical Report

New York, July 28

IN the markets for PHARMACEUTICAL and FINE CHEMICALS lower prices are asked for synthetic VITAMIN A, which is now quoted at 18 cents per million units against a former price of 24 cents. The U.S. Army is in the market for large quantities of PENICILLIN and CITRIC ACID, while the TARTRATES are meeting with a good seasonal request at given prices. Among photographic chemicals, HYDROQUINONE is in short supply. MENTHOL, which gained strength owing to scarcity on the sp has now turned easier, as a result of t arrival of 12,000 lb. from China. The pr outlook on the CRUDE DRUGS market definitely upward. There is a good mand for many items and it is gradua becoming apparent that stocks here a limited. Replacements from overseas a in many cases quoted above previous leve Price increases are believed possible SENNA LEAVES, as reports from Indi shippers indicate that the Tinnevelly sen crop was adversely affected by lack of ra during April and May. Stocks of Afric PAPAIN are reported to have been nea exhausted and there is only a small qua tity of Ceylon material available. KAMA and SENEGA are meeting with an improv demand, and there has been increased terest in TRAGACANTH GUM. Importers RHUBARB are beginning to wonder if rec purchases made in China will reach t U.S. market, in view of the transportati difficulties there. If their fears are re ised, spot prices are likely to rise to mu higher levels.

Firmer Carnauba Wax Market

A firmer tone has developed in the m ket for CARNAUBA WAX, with spot pri showing increases of from two to four ce per lb. Activity in this material recen has been fairly good, with some large c sumers reported to be building up sto following reports from Brazil that v little wax is expected to be carried o from the old-crop when new producti gets under way. No offers of new-c wax have as yet been reported for Octob November shipment. BEESWAX is also s to be firm, with reports to the effect t the African crop is well below norm The demand for ESSENTIAL OILS in gene has increased, owing to seasonal influen and a trend towards carrying higher sto because of replacement uncertainti SEED and SPICE OILS are strong and tive, with buying of many articles for pickling trade well under way. Compa tively few offerings of EUCALYPTUS coming onto the market, and prices rem firm. Higher replacement costs of clo have finally been reflected in CLOVE O Other essential oil price changes inclu advances in VETIVERT from Réunion a LEMONGRASS.

Pharmaceutical Chemicals

CREOSOTE.—B.P. quality, ex beechwo is quoted at from 6s. 9d. to 7s. 6d. per

CYCLOBARBITONE. — Makers' prices from 165s. to 185s. per kilo. The CALCI derivative is available at the same pric

IODINE PREPARATIONS. — Home - tra prices are as follows :—RESUBLIMED IODI B.P.—1-cwt. lots, 18s. (28-lb. containers

1d. (14-lb.); 18s. 1½d. (7-lb.): 2½d. (4-lb.); 18s. 3d. (2-lb.); 18s. 4d. lb. (1-lb.); smaller quantities are uled up to 22s. 2½d. per lb. SSIUM IODIDE, B.P. — 1-cwt. lots, 5d. (28-lb. containers); 15s. 6d. (14- 15s. 6½d. (7-lb.); 15s. 7½d. (4-lb.): 8d. (2-lb.); 15s. 9d. (1-lb.); smaller tities, up to 18s. 11½d. per lb. UM IODIDE, B.P. — 1-cwt. lots, 16s. 9d. b. containers); 16s. 10d. (14-lb.): 10½d. (7-lb.); 16s. 11½d. (4-lb.): (2-lb.); 17s. 1d. (1-lb.); smaller quan-, up to 21s. 10½d. per lb. IODOFORM DER, B.P.—1-cwt. lots, 21s. (28-lb. con-ers); 21s. 1d. (14-lb.); 21s. 1½d. .); 21s. 2½d. (4-lb.): 21s. 3d. (2-lb.); 4d. (1-lb.): smaller quantities up to 10½d. per lb. IODOFORM CRYSTAL is per lb. more than powder. Containers ged, excepting 28-lb. tins which are Special rebate of fourpence per lb. ved for quantities of 5 cwt., in one very or on contract (three months). riage paid in Great Britain, Northern and and Eire (duty for buyer's ac-t).

ACTOSE.—English, 5-ton lots in 2-cwt. returnable kegs, is £130 per ton; 10- lots, £133 10s. per ton; less than wt., £135s. per ton. In 1-cwt. non-rnable kegs prices are 1s. more, and in vt. paper-lined bags, 5s. per cwt. less the above rates.

IQUID PARAFFIN.—Producers' prices to lesale distributors for HEAVY, B.P., £91 5s. per ton (7s. 2½d. per gall.), 40/50 gall. returnable loaned drums; in 5-gall. returnable drums, 7s. 11d. gall. (or 8s. 5d. per gall. in free 5-gall. ms). LIGHT, B.P., is £71 5s. per ton 6d. per gall.) in 40/50 gall. return-loaned drums, and 6s. 2½d. per gall. returnable 5-gall. drums (or 6s. 8½d. gall. in free 5-gall. drums). Delivered to buyers' station in the U.K.

AGNESIUM CARBONATE.—Rates per cwt. LIGHT, B.P., are as follows: Not less n 1 cwt., 115s. 10d.; 5-cwt. lots, s. 10d.; 10-cwt., 109s. 10d.; 1-ton. s. 10d.; in 28-lb parcels, delivered in U.K. Scheduled rates per lb. in the ne market for quantities of 28 lb. to der 1 cwt. are: 1s. 3d. (28-lb. con-ners); 1s. 4d. (14-lb.); 1s. 4½d. (7-lb.); 6d. (2-lb.); 1s. 7d. (1-lb.).

METOL. — Steady. Prices per lb. are: cwt., 19s.; 5 cwt., 19s. 6d.; 1 cwt., s.; 28 lb., 21s.; 14 lb., 23s.; 7 lb., 24s. rriage paid in the United Kingdom.

PHENOLPHTHALEIN.—1-cwt. lots are now 7d. per lb.; 28-lb., 7s. 7d.; 14-lb., 8s.; d 7-lb., 8s. 3d. per lb.

PHENYTOIN SODIUM. — Quotations for all quantities are at about 32s. 6d. per ; the base is available at the same price.

PIPERAZINE.—Imported material is of-red at from 110s. to 120s. per kilo malls, 4s. 9d. to 5s. per oz.).

POTASSIUM ANTIMONYLTARTRATE. — Quotations are around 7s. to 7s. 4d. per lb. The SODIUM salt is available at about 9d. per lb. for small quantities. ANTIMONIOUS OXIDE, B.P.C., is 6s. per lb.

PROCAINE HYDROCHLORIDE. — Quotations are in the region of from 39s. to 45s. per lb., as to quantity.

PYROGALLIC ACID. — Quotations per lb. for CRYSTALS are as follows: 1 cwt., 18s.; 56-lb., 18s. 6d.; 28-lb., 19s. 6d., net. Smaller quantities are from 21s. to 24s. per lb., less 2½ per cent. RESUBLIMED is 20s. 3d. per lb. for 1-cwt. lots; 56-lb., 20s. 9d.; 28-lb., 21s. 9d.; 14-lb., 23s. 3d. net. Smalls are from 24s. 9d. to 26s. 3d. per lb., less 2½ per cent.

RESORCIN. — Current prices range from 11s. to 11s. 6d. per lb.; MONOACETATE is from 14s. 6d. to 17s. 6d. per lb., according to quality.

ROCHELLE SALT. — Rates per cwt. for powder or granular salt are: 5 cwt., 130s.; 1 cwt., 132s. 6d. Crystal is 2s. 6d. per cwt. more than the foregoing prices. SEIDLITZ POWDER, ordinary, is 103s. 9d. per cwt.; extra strong, 111s. 6d. per cwt.; double strength, 116s. per cwt.

SACCHARIN.—In lots of 1-lb. and over B.P. powder is quoted at 98s. 4d. per lb.; the SODIUM SALT is 79s. 4d. per lb. Prices include duty and carriage.

SALOL, B.P.C. — Current quotations for quantities of 28 lb. to 1 cwt. are from 9s. to 9s. 4d. per lb., according to pack. Prices for larger quantities are from 7s. 6d. to 8s. per lb.

SODIUM ALGINATE.—Current rates per lb. are unchanged as follows: 7-lb. lots, 7s. 3d.; 28-lb., 7s.; 1-cwt., 6s. 6d.

SULPHACETAMIDE. — Quotations are in region of 26s. to 30s. per lb. The SODIUM derivative is 32s. 6d. to 36s. 6d. per lb.

SULPHOCARBOLATES.—SODIUM PHENOLSULPHONATE, B.P.C. (powder or crystal) is now 3s. 8d. per lb. in 28-lb. lots; 7-lb., 4s. per lb. ZINC, B.P.C., is 3s. 4d. per lb. (28-lb.); 7-lb., 3s. 8d. per lb.

SULPHUR.—PRECIPITATED, B.P., in minimum 10-20-cwt. lots, is quoted at 90s. per cwt., packed in free casks.

TANNIC ACID. — Current quotations for B.P., levis, are from 8s. 6d. per lb.

TARTARIC ACID.—Home-trade rates per cwt. are as follows:—10-cwt. lots, 165s.; 5-9 cwt., 167s.; 2-4 cwt., 169s.; 1-cwt., 170s., delivered.

TEREBENE.—Carboy lots are 3s. 10d. per lb.; 24 winchesters, 3s. 11½d.; 6 winchesters, 4s. 6d.; and 3 winchesters, 4s. 10d. per lb.

TERPINEOL.—B.P. quality in 1-cwt. lots is now 3s. per lb., with smaller quantities up to 3s. 6d. per lb.

THYMOL.—Prices increased by 4s. per lb. on August 1. Quotations are now from 23s. 3d. to 24s. 3d. per lb. Supplies are still difficult.

Crude Drugs

AGAR.—Kobé No. 1 on the spot is quoted at from 8s. 9d. to 9s. per lb.; for August-September shipment, 5s. 6d., c.i.f., indicated.

ALOES.—Firm. Cape is scarce on the spot; 130s. to 132s. 6d. per cwt., quoted; new-crop, September-October shipment, 124s., c.i.f., indicated. Curaçao is steady at 225s. per cwt., spot.

ASAFETIDA.—Persian on spot is quoted at from £13 to £20 per cwt., as to grade.

BALSAMS.—The markets generally are steady with moderate trading. *Canada* on the spot is offered at from 16s. 6d. to 17s. 6d. per lb., as to grade. Pará *Copaiba* continues at from 7s. 6d. to 8s. per lb., duty paid, and 7s. 6d. in bond. San Salvador *Peru* is offered at from 7s. per lb., duty paid. *Tolu* is quoted at from 17s. 9d. to 18s. 3d. per lb., spot.

BELLADONNA.—Steady. Imported root is offered at from 3s. 9d. to 4s. 9d. per lb., as to test; leaves (or herb), from 4s. to 4s. 6d. per lb., spot, duty paid.

BENZOIN.—Sumatra block on the spot is quoted at from £17 10s. to £19 per cwt.; higher prices are asked from origin. Siam, from origin, 24s. 6d. per lb., c.i.f.; supplies on the spot are offered at 26s. 6d. per lb.

BISMUTH.—Prices on August 1 reverted to the level prior to May 30. In minimum 2-cwt. lots the rate is 14s. 6d. per lb.

BLACK HAW.—Supplies of tree bark are offered at 3s. 3d. per lb., duty paid.

BUCHU.—A fair request for spot supplies. Short-round leaves are steady at from 2s. 8d. to 2s. 9d. per lb. on the spot; for shipment, 2s. 4d., c.i.f.

CALUMBA. — Quiet. Natural sorts are quoted at from 75s. to 80s. per cwt., spot.

CAMPHOR.—A firm market. Chinese ¼-oz. tablets are quoted from 5s. 2d. to 5s. 6d. per lb., duty paid, spot London; from Hong Kong, for August-September shipment, 4s. 9d., c.i.f. Chinese refined powder (B.P.) is from 4s. to 4s. 1½d., duty paid (in bond, 3s. 8d.); August-September, 3s. 6d., c.i.f. B.B. grade, on spot, 3s. 9d., duty paid. 2½-lb. slabs on spot are offering at 4s. 6d. per lb., duty paid.

CASCARA SAGRADA.—A moderate business reported for American 1950 peel which is quoted at from 220s. to 222s. 6d. per cwt., c.i.f. for August-September shipment; 1949, on the spot, 275s., duty paid (250s. in bond).

CASSIA BARK.—Firm. Whole, 90s. per cwt. in bond, nominal; broken, 87s. 6d. in bond, nominal. Few offers from the Far East; 90s., c.i.f. indicated.

CHILLIES. — Sierra Leone on the spot, quoted at 300s.; August-September shipment, 265s., c.i.f. Nigerian, July-August shipment, 230s., c.i.f. Mombasa, for shipment, 275s.

CINCHONA.—Only a small supply of h testing bark is available on spot; Uga dull root and stem chips (total alkal 8.27 per cent.), offered at 2s. per Lower-testing Tanganyika chips, quote from 1s. per lb. Red Lima bark, low-t ing, from 1s. per lb.

CINNAMON. — Ceylon OOOO quills arrive, are nominal at 3s. 8d.; quilli 2s.; featherings, 1s. 9d., c.i.f.

ERGOT.—Portuguese f.a.q. is nomina spot at 30s. per lb.; for shipment, 26s 27s. 6d., c.i.f., nominal.

GALANGAL ROOT.—Hong Kong is quo 107s. per cwt., c.i.f., for August-Septen shipment.

GALLS.—Chinese are offered from H Kong at 174s. 6d. per cwt., c.i.f., August-September shipment.

GAMBOGE.—Siam pipe is offered at per cwt., duty paid; powder is quote 11s. 6d. per lb., spot London.

GENTIAN.—French on the spot is qu at from 90s. to 92s. 6d. per cwt.

GINGER.—Firmer. African new-crop ted at 320s. per cwt., spot; August- tember shipment, 310s., c.i.f. Jamai No. 3, 475s. per cwt., spot, nominal.

GUAIACUM RESIN.—Spot quotations at 3s. 9d. per lb.; to arrive, 3s. 3d., lan

GUM ACACIA.—Kordofan cleaned sort the spot, offered at 86s. per cwt., London or Liverpool; July-August s ment, 81s., c.i.f. Bleached gum, 170s., s shipment, 150s., c.i.f. Talha is 52s. per cwt., spot; shipment, 49s., c.i.f.

MACE.—West Indian pale blade is ted at 7s.; for shipment, 6s. 7d., c.i.f

MENTHOL.—On the spot, sellers are ing 95s. to 96s. per lb., duty paid (in b 92s. to 93s.); Brazil is asking 206s. kilo, f.o.b. Chinese, for August-Septer shipment, 78s. to 83s., c.i.f., dependin port of shipment.

MERCURY. — Spot quotations are £16 15s. to £17 5s. per flask, ex wareh according to quantity.

NUTMEGS. — West Indian 80's qu at from 3s. 3d., on spot; sound unasso 3s., spot. East Indian 80's nominal at 3s. 3d. per lb., c.i.f. Continent.

PAPAIN.—East African white, scarc spot, is 17s. to 17s. 6d. per lb.; Ce brown, from 11s. to 12s. per lb., spot.

RHUBARB.—Chinese rough-round on spot is offering at from 8s. 6d. to 10s. lb., duty paid.

SEEDS. — Sellers of Turkish ANISI 157s. 6d. per cwt., duty paid. CARAWA Spot, Dutch is inclined to be a little fi at 122s. 6d. per cwt., duty paid, in don. CELERY.—Spot, Indian is uncha at 1s. 9½d. per lb.; French is nomina 230s. per cwt., duty paid, for August livery. CORIANDER.—Old-crop Morocc in short supply on spot, 110s., duty and 105s. in bond, quoted. The ma

lorocco is said to be "excited," 120s. cwt., c.i.f. London, is quoted for new- for August shipment. CUMIN.—Mar- continues firm. Cyprus on the spot is ed at 190s. per cwt.; new-crop, for ment, 185s. per cwt., c.i.f. Morocco crop for July-August shipment quoted 15s. per cwt., c.i.f. London. DILL.— ket dearer. Indian on spot is now 75s. cwt.; for shipment, 73s. per cwt., c.i.f. lon. FENNEL.—Market firm. Indian pot is 95s. per cwt.; shipment, 95s. cwt., c.i.f. quoted. FENUGREEK.—Spot nchanged. Morocco is 52s. per cwt., paid; for shipment, new-crop has ad- ed to 40s. per cwt., c.i.f. London.

NEGA.—Supplies on the spot are of- l at from 11s. 3d. to 11s. 6d. per lb.; ard, 10s. 6d., c.i.f.

NNA.—Further advances in Tinnevelly uce. India is quoting new-crop leaves October-November shipment at the fol- ng (c.i.f.) prices:—Prime, bold, ½d.; No. 1, 11¾d.; No. 2, 10½d.; No. ¾d. per lb. F.a.q., No. 1, 10½d.; No. 2, ; No. 3, 8¼d.; graded No. 4 7¾d.; aded, cleaned, 7½d., and stalky, 7d. lb. F.a.q. pods are 8¼d. and hand- ed, 1s. 0½d. per lb., c.i.f.

HELLAC.—F.O.T.N. pure, on the spot, ow quoted at 305s.; F.O. Standard 1, ; and fine orange, 330s. to 390s. per , ex warehouse London. Spot prices are er following advances in the delivery ket, which is quieter and steadier.

TRAMONIUM.—Indian, from origin, 4¾d. d. per lb., c.i.f., indicated.

TROPHANTHUS. — Spot quotations for *nbé* 100 per cent., are at 18s. 6d. per *gratus*, 18s. to 18s. 6d.

TYRAX.—Spot quotations for crude are rom 6s. 9d. to 7s. per lb., duty paid.

ONKA BEANS.—Trinidad, frosted on the , quoted at 7s. 6d. per lb. Pará frosted, 6d. to 6s. per lb., spot, as to holder.

ALERIAN.—Belgian root on the spot is ted at from 190s. to 200s. per cwt. ch, 170s.; Indian, 160s., spot.

VAXES.—Firm. BEES'.—Dar-es-Salaam, s. per cwt., spot; August-September ment: 415s., nominal, c.i.f. Benguela spot, 410s., duty paid (375s., in bond); shipment; 360s., c.i.f. Abyssinian, s. per cwt., spot; for shipment, 360s., . CANDELILLA.—Spot is now 485s. per . CARNAUBA.—Fatty grey on spot for ust delivery, 825s. per cwt.; August- tember shipment, 785s., c.i.f.; Septem- October 765s., c.i.f. Prime yellow is 0s. per cwt., nominal, spot; August- tember shipment, 985s., c.i.f. MONTAN. Reibeck is 135s. per cwt. on the spot; shipment, 130s., c.i.f. OURICURI.—0.5 urities is scarce on spot, 675s. per cwt., inal; 0.5 per cent. for August-Septem- shipment, 655s., c.i.f.; 2.1 per cent. urities, 660s. per cwt., spot. 6.7 per t., 645s. per cwt., spot.

Essential and Expressed Oils

ALMOND.—Expressed sweet oil (B.P.) on the spot is from 5s. 9d. to 6s. 3d. per lb.; Bitter essential oil, s.a.p., on the spot, is from 24s. to 40s. per lb., as to grade.

ANISE.—For drums on the spot, 9s. 3d. to 9s. 6d. per lb. is asked; for shipment, 9s. 4½d., c.i.f. Supplies are scarce at origin.

BERGAMOT.—Spot quotations are from 33s. to 35s. per lb., as to quantity.

CASSIA.—Firm. Spot quotations are nominally 18s. per lb.; July-August, 18s., nominal, c.i.f.

CITRONELLA.—Firm. Ceylon is quoted at from 8s. 6d. to 9s. per lb., spot: July-August shipment, 8s. 3d., c.i.f.; Java, for shipment, 14s. 6d., c.i.f., quoted.

CLOVE.—Firm. English-distilled bud oil is quoted at from 15s. 6d. to 16s. 6d. per lb., as to quantity; Madagascar bud oil, 9s. 6d., duty paid, nominal. Zanzibar reworked oil on spot is quoted at 12s. 6d. per lb.

CORIANDER. — English-distilled is quoted at about 250s. to 260s. per lb. Dutch to come forward, 165s. per lb., duty paid; ex Russian seed, 170s., duty paid, quoted.

LAVANDIN. — Supplies on the spot are available at from 12s. to 13s. per lb.

LEMON. — Sicilian hand-pressed, 4 per cent. citral, on the spot, is quoted at from 32s. to 35s. per lb.; for shipment, 33s. to 34s., c.i.f.

LEMONGRASS.—A firmer market. On the spot, supplies are offered at from 16s. to 17s. per lb.; August-September shipment, 15s., c.i.f.

NEROLI.—French is offered at 60s. to 75s. per oz., spot.

PALMAROSA.—Spot quotations are from 47s. 6d. to 50s. per lb.; to come forward, 43s. 6d., c.i.f.

PEPPERMINT.—Quiet. Spot quotations for Chinese (*M. arvensis*) are from 38s. to 39s. per lb.; July-August, 32s., c.i.f. *Piperita*, B.P., is quoted at from 58s. to 65s. per lb., spot.

PINE NEEDLE.—First-grade on the spot is quoted at from 13s. 6d. to 15s. per lb.

ROSE.—Bulgarian otto is available on the spot at from 240s. to 260s. per oz.; Turkish, from 225s. per oz.; French (de Mai) absolute, 80s. per oz.

SANDALWOOD. — Mysore oil on spot is from 72s. 6d. to 74s. per lb. East Indian, Dutch-distilled (95 per cent. santalol). 95s. per lb., duty paid.

SASSAFRAS.—Brazilian is quoted at from 5s. 6d. to 7s. per lb., spot, duty paid.

SPEARMINT.—Spot quotations are from 35s. to 45s. per lb., duty paid.

TI-TREE.—Supplies are offering at 6s. per lb., ex wharf London.

VETIVERT.—Bourbon on spot is quoted at from 110s. per lb., as to grade.

LONDON PHARMACEUTICAL COMMITTEE

At the annual meeting of the London Pharmaceutical Committee held on July 18, Mr. G. B. Bernard in the chair, the following officers were appointed for the year 1950-51:—*Chairman,* Mr. Clifford Evans; *Vice-chairman,* Mr. R. Collings; *Secretary,* Mr. G. A. Tocher; *Assistant Secretary,* Mr. W. F. Wilkinson. The following members were appointed to serve on committees of London Executive Council:—Pharmaceutical Service Committee: (principal members), Messrs. G. B. Barnard, H. R. Edgecombe and C. A. Noble; (deputy members), Messrs. C. Evans, C. H. Foster and L. G. Lomas. Hours of Service Committee: (principal members), Messrs. G. H. Armitage, G. B. Barnard and D. S. Henderson; (deputy members), Messrs. F. H. Connelly, H. Warburton and R. Collings.

London chemists were reported as dispensing approximately 9 per cent. of all prescriptions dispensed in England. The Committee decided to resist the inclusion of a pharmacy in a London County Council health centre on the ground that the service provided by local chemists adequate. The report of the Ce Checking Bureau indicated that a sat tory standard of accuracy was being r tained by the pricing bureau.

On July 3 the Pharmaceutical Se Committee considered the analytical re on eleven prescriptions. In one test analysts had failed to agree on the c tity of potassium bromide present mixture and it was decided that no a should be taken. A chemist who had pensed an eye lotion containing 10 cent. excess of boric acid said the sol had been boiled longer than necessar that that had caused evaporation and centration. The Committee recomm that two chemists should be cautione seven others censured and fined. In instance 1 oz. of auristillæ acidi had been supplied against a prescr calling for 2 oz., and in another a of mistura potassii bromidi et nucis vo had contained liq. rosæ dulc. as colo agent.

CHEMISTS' GOLF

The competition held by Edinburgh Chemists' Golf Club recently over Gullane resulted as follows: No. 1 section: Maurice Iveson prize, Messrs. J. Ferguson (3) and R. H. Gilliland (7), 78 (a tie). Club prizes, Messrs. H. G. Glass (5), 79; J. Finlay (scr.), 81; W. E. Herd (scr.), 82. No. 2 section: Iveson prize: Messrs. A. Fulton (22), 82. Club prizes, Messrs. J. B. Grosset (12) and F. Hepburn (17), 85 (a tie); J. Liddle (16), 87. Best scratch score, Mr. J. B. McCaig, 79. The results of the competition at Kilspindie recently were as follows:—Crooke's trophy, Mr. H. Campbell (16) 69; Blyton Astley prize, Mr. J. F. Robertson (10) 73; Club prizes, No. 1 section: Messrs. J. Finlay (+1) 74; N. Stephen (1) 75; R. S. Mathison (3) 76, R. F. Muir (6) 76, and J. W. Erasmuson (7) 76 (a tie). No. 2 section: Messrs. J. Liddell (16) 71; W. A. M. Hourston (20) 74; and J. W. Martin (24) 76. Best scratch score Mr. J. Finlay 73.—In a competition at Baberton the results were:—Captain's prize and best scratch score, Mr. W. E. Herd (scr.), 71; vice-captain's prize, Mr. A. Fulton (18), 78; club prizes. No. 1 section: Messrs. N. Stephen (1), and A. Graham (7), 75 (a tie); Messrs. J. W. Erasmuson (7), and J. B. Grosset (10), 78 (a tie); No. 2 section: Messrs. A. Nicolson (20), 78; W. A. Hourston (18), 79 J. Liddell (16), 80.

Under ideal conditions, the Northu land and Durham Chemists' G Society held a competition against bo Arcot Hall on July 5. The results w follows:— B.D.H. trophy, Mr. W. F (7), one up; Thornton Ross tankard A. Hall (7) three down; Lofthouse ta Mr. I. Duncan (12) five down.

The annual competition between chester and Birmingham for the B challenge cup on July 16 over the Desert course was won by Birmingh 39 strokes. The Li-Lo challenge cu won by Mr. W. O. Payne, Birmir (74 against the 74 par of the course

Competitions held by the L Chemists' Golfing Society at Park, Rickmansworth, on July 19 fo president's prize (medal) and the Vite prize (bogey) were won as follo President's prize, Mr. A. J. Campbel 75 net; Yeast Vite prize, Mr. D. (2), 3 down (on last nine holes afte with Mr. T. M. Hunnings (8), —3).

The competition by Manchester ists' Golfing Society for the Kerfoot and prize was played at Pleasingt July 12. The winner, playing from sc was Mr. T. Williams, 74.

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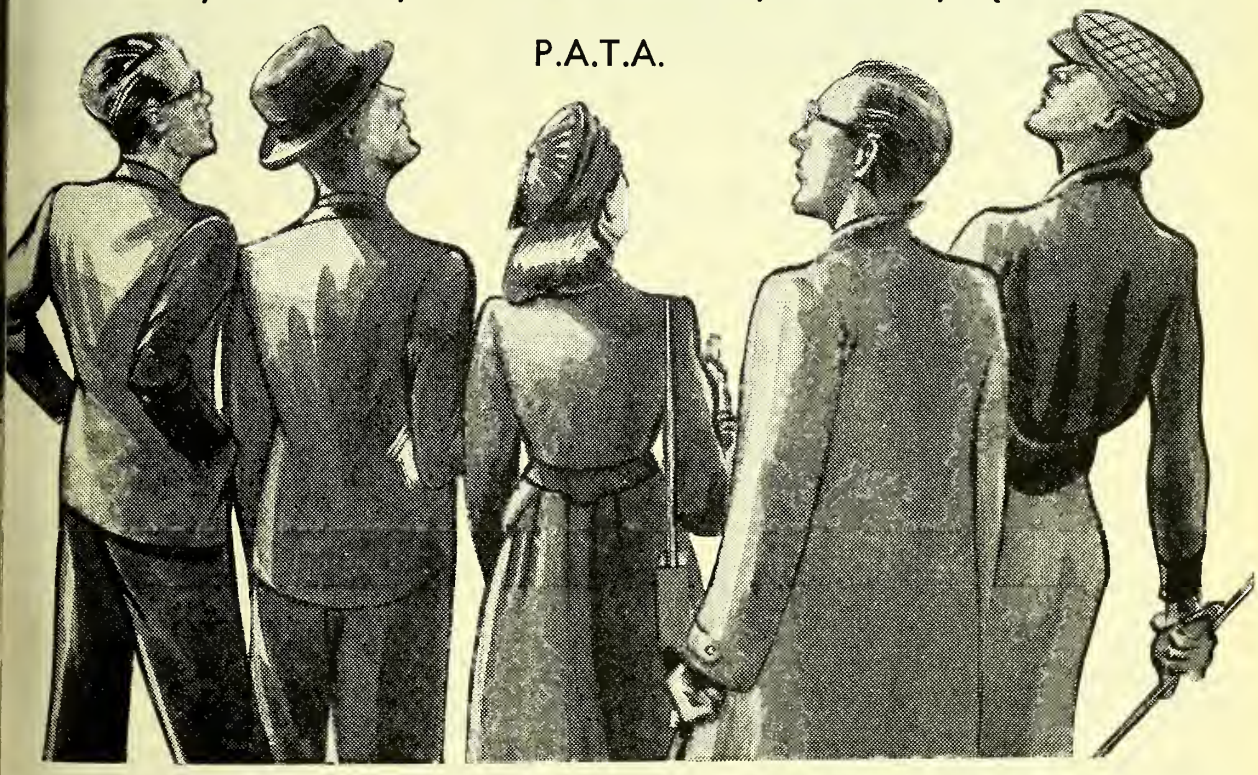

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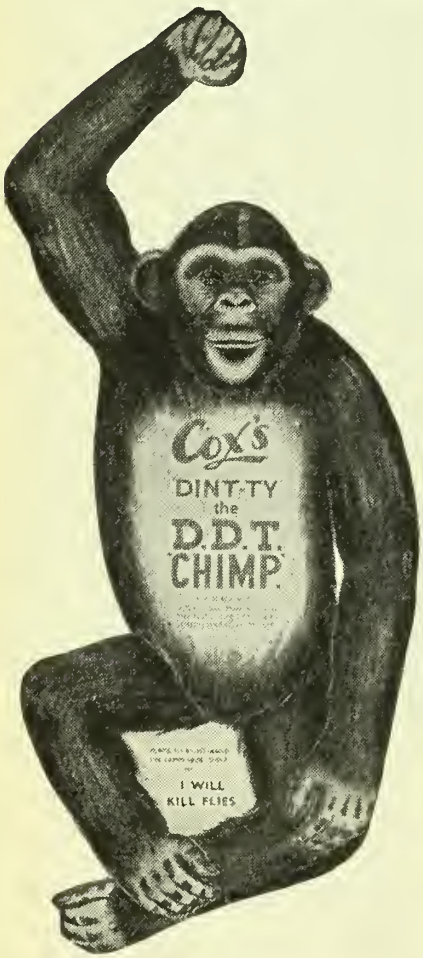

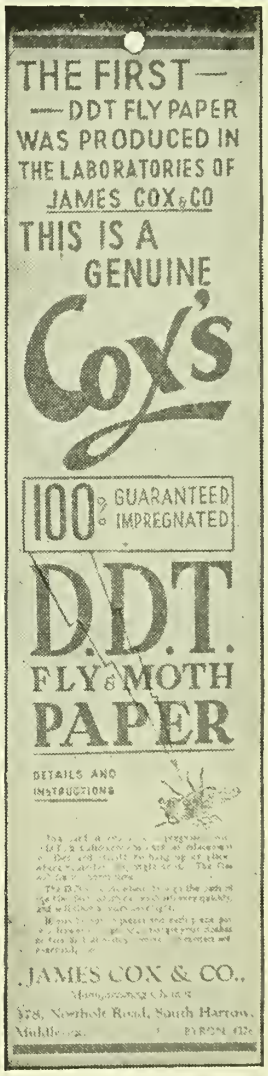

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INDEX TO ADVERTISERS

ootts Druggists, Ltd. iv
ne Vacuum Flask Co. 24
lis, Ltd. xxix
ber Pharmaceuticals, Ltd. 6
in Electric, Ltd. 24
ociated Fumigators, Ltd. Leader Page
ton, Saunders & Co., Ltd. 28

ker, R., & Son, Ltd. xvi
nett & Foster, Ltd. 20
tson, Clark & Co., Ltd. ... xiv
ulah, J. & J., Ltd. xxxii
umanor Hygienic Products td. 13
elfast Telegraph" xxxiv
, John, Hills & Lucas, td. .....Leader Page
Colloids, Ltd. xii
foldia, Ltd. xiv
ish Canadian Optical Co. Col. Supp.
ish Drug Houses, Ltd., The 5
ish Rodent Exterminator o., Ltd. xxxiv
ish Rototherm Co., Ltd. xxx
ntan, Ltd. xviii
oks Appliance Co., Ltd.... 2
mleu, Wm., Chas. 22
goyne, Burbidges & Co., td. i
rough, James, Ltd. Leader Page
roughs Wellcome & Co. ... 37
by, Winter & Co., Ltd. ... vi

Butler, E. H., & Son, Ltd. ... 26
Carr's Flour Mills, Ltd. xxxii
Chappell, Allen & Co., Ltd. xxxii
Ciba Laboratories, Ltd. 38
Clay & Abraham, Ltd. v
Coates & Cooper, Ltd. xii
Continental Laboratories, Ltd. 14
Corn Products Co., Ltd. 8
County Perfumery Co., Ltd. xxiii
Cox, Arthur H., & Co., Ltd. Cover iv
Cox, J., & Co. 4
Crookes Laboratories, Ltd. ... 3
Crosskills of Norwich xii
Cussons, Sons & Co., Ltd. Cover iii
Cyclo Chemicals, Ltd. 14

Daniel, Richard, & Son, Ltd. 13
Dearborn (1923), Ltd. ix
Distillers Co. (Biochemicals), Ltd. 9
Dixor, Ltd. 22
Duncan, Flockhart & Co., Ltd. iv
Dunop Rubber Co., Ltd. ... xxv
Dyanese, Ltd. xii
Dyequick Products, Ltd. iii

Eclipse Razor Blades xxviii
Expanded Rubber Co., Ltd.... xi

F.A.I.R. Laboratories, Ltd. ... 32
Ferryman, Herbert, Ltd. ... xxvi

Fluid Equipment Co., Ltd. xxxvi
Franco-British Glass Co., Ltd. 22
Freeder Brothers Paper Mills, Ltd. xxviii
Freudentheil, Smith & Co. Leader Page

Gardiner & Co. (The Scotch House), Ltd. xxv
Gardner, W., & Sons (Glos.), Ltd. vii
George, Ernest J., & Co. Col. Supp.
Gibson, Robert, & Sons, Ltd. 36
Gosheron, J., & Co., Ltd. ... xxiv
Gould, N. & M., Ltd. 36
Goya 30
Guest, Thos., & Co., Ltd. ...xxxiv

Hardy, M. W., & Co., Ltd. ii
Hatchwell Co., Ltd., The ... xxiv
Herts Pharmaceuticals, Ltd.... x
Hirst, Stuart, Ltd. ...Leader Page
Hough, Hoseason & Co., Ltd. 29
Howard, Lloyd & Co., Ltd.... 31

Imperial Chemical Industries, Ltd. 12
Inecto xxviii

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INDEX (Contd.)

Institute of Optical Science The .....Col. Supp.
International Chemical Co., Ltd. xxxviii

Jeffreys, Miller & Co., Ltd.... 22
Johns, Son & Watts, Ltd. ... xxx

Kellys, John, (London), Ltd. ii
Kemsales, Ltd. xvi
Koray, Ltd. 34
Krauth Chemicals viii

Lifeguard Products, Ltd. ...xxxiii
Liptons, Chemical Co., Ltd. xxxvi
London Commercial Electrical Stores xxx
Loudens viii

MacAndrews & Forbes, Ltd. xxiv
Macdonald & Son, Ltd. 16
Macwill & Co., Ltd. xv
Manesty Machines, Ltd. 33
Matthews & Wilson, Ltd. ... 28
Maw, S., Son & Sons, Ltd. ... 11
May & Baker, Ltd. 19
Mayborn Products iv
Menley & James, Ltd. 21
Merica, M., & Co., Ltd. ... x
Mono Containers, Ltd. xxi
Monsanto Chemicals, Limited xix
Murray, S., & Co., Ltd. ... ix

Napp, H. R., Ltd. ...Leader Page
Nervone 1
Neville Brown & Co., Ltd. ... xiii

Orridge & Co. .....Col. Supp.
Oxo, Ltd. 15

Parke, Davis & Co. .....Cover ii
Penguin Photo Products, Ltd. Col. Supp.
Pharmax, Ltd. 26
Phosferine (Ashton & Parsons), Ltd. 32
Photocam xxvii
Potter & Clarke, Ltd. 17
Progress Shaving Brush Co., Ltd. vii

Radiol Co., The 26
Ransom, Wm., & Son, Ltd.... 18
Rayner & Co., Ltd. 36
Regent Super Roll Film Co. xxiv
Reliance Rubber Co., Ltd. ... iii
Reliance Trading Co., Ltd. x
Rendell, W. J., Ltd. xx
Rentokil, Ltd. viii
Revai, A., & Co., Ltd. xxiv
Riddell Products, Ltd. xvi
Robinson & Sons, Ltd. xiv
Roche Products, Ltd. 27
Roura-Forgas, Ltd. 22
Rozalex, Ltd. ii

St. Andrew Mills, Ltd. .....
Sandoz Products .....
School of Surgical Chiropody
Shadforth, Ltd. .....
Sharp & Dohme, Ltd. .....
Sherley, A. F., & Co., Ltd
Silvikrin Laboratories, Ltd....
Sponcel, Ltd. .....
Steel Equipment Co., Ltd. ..
Surgical Hosiery Co., Ltd. ..
Swann, W. R., & Co. .....

Tampax, Ltd. .....
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Vernak Film Co., The .....

Wallis Laboratory, Ltd., The Leade
Wesley, Harold, Ltd. .....
Westminster Laboratories, Lt
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Woolley, J., Sons & Co., Lt
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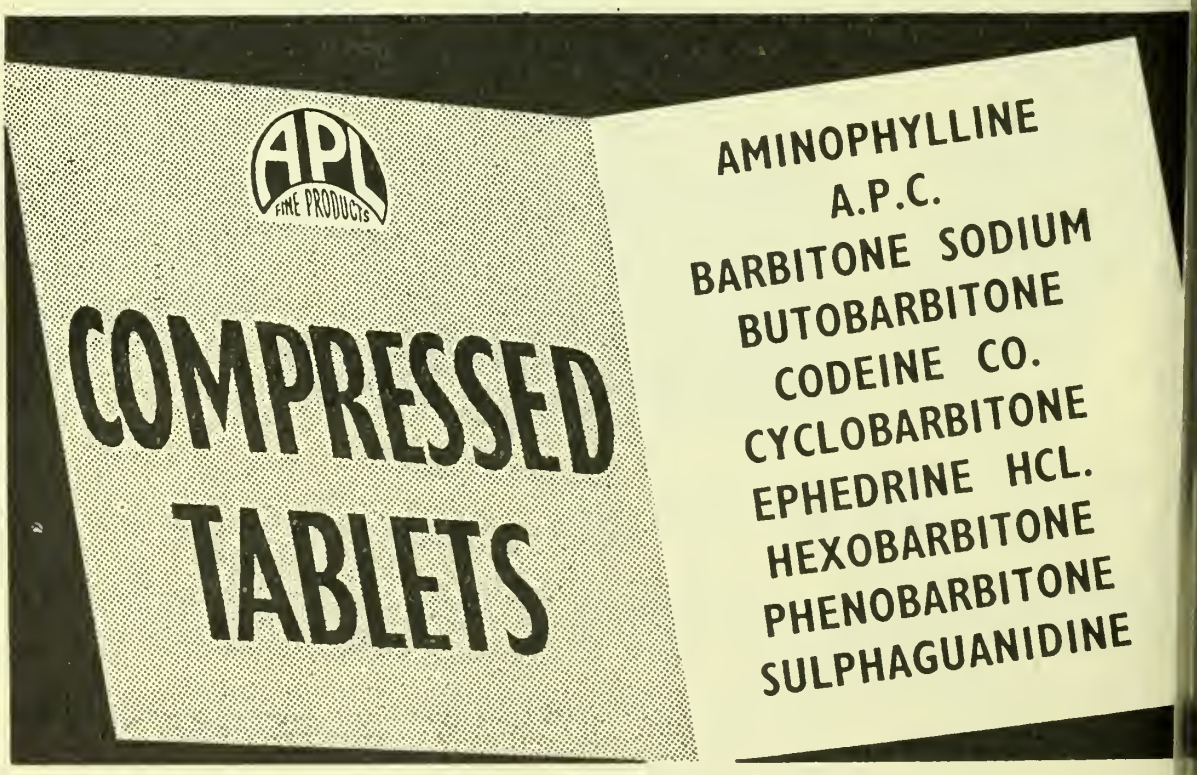

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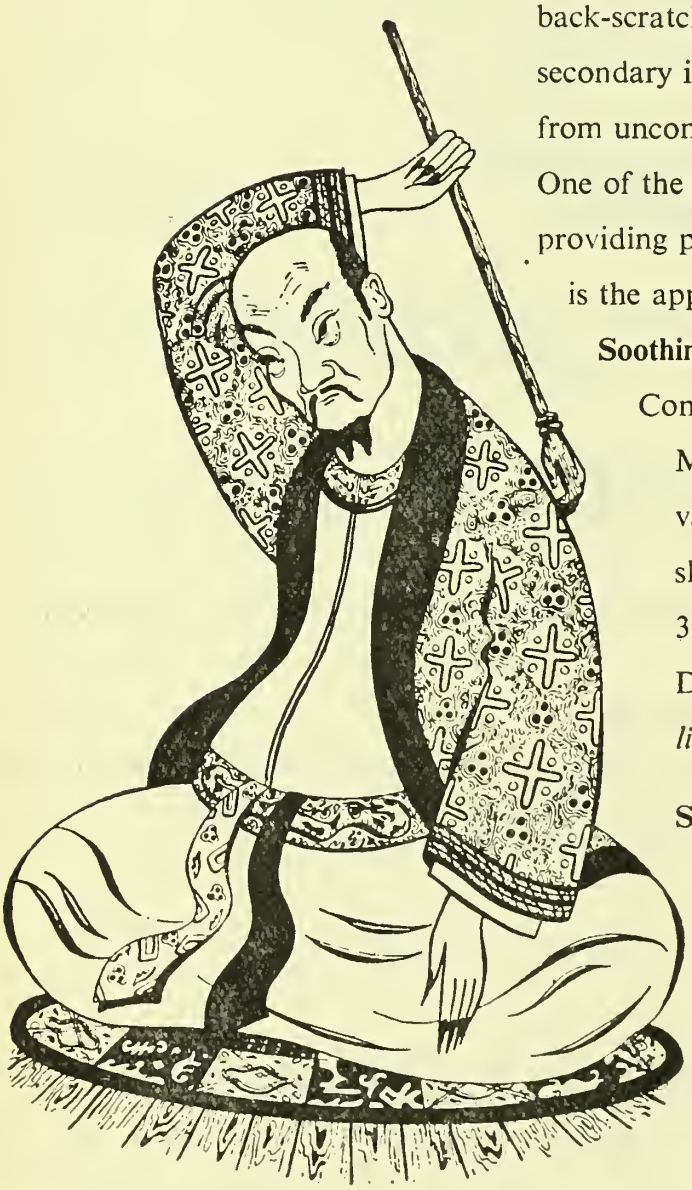

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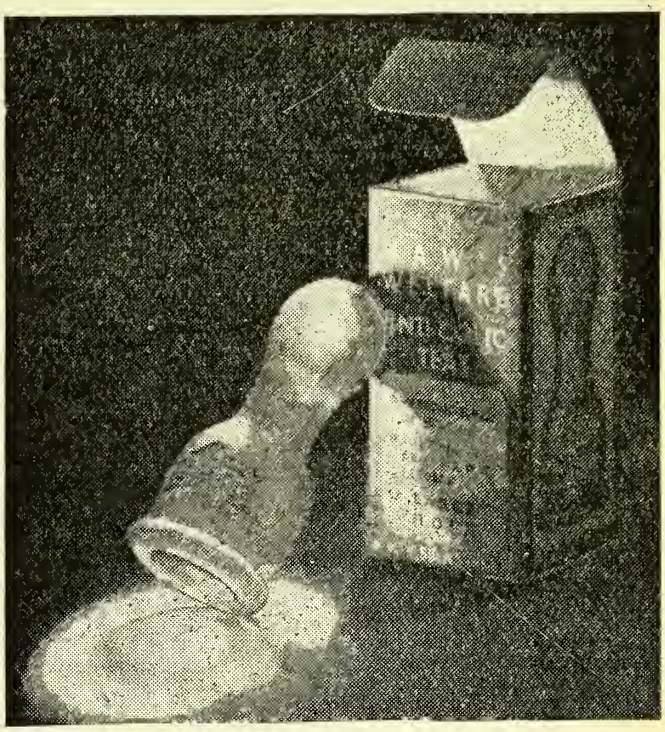

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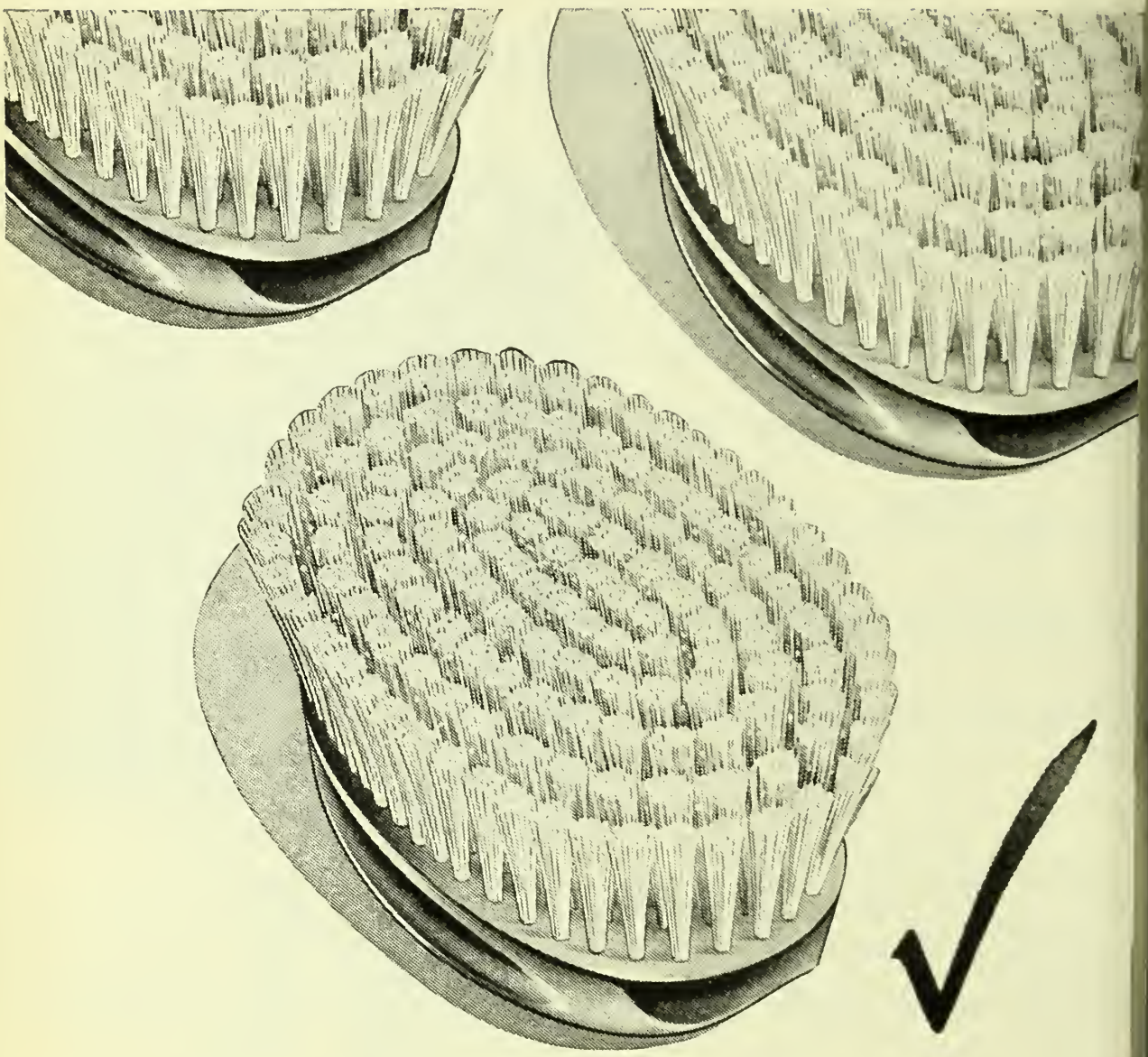

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FOR CHEMISTS

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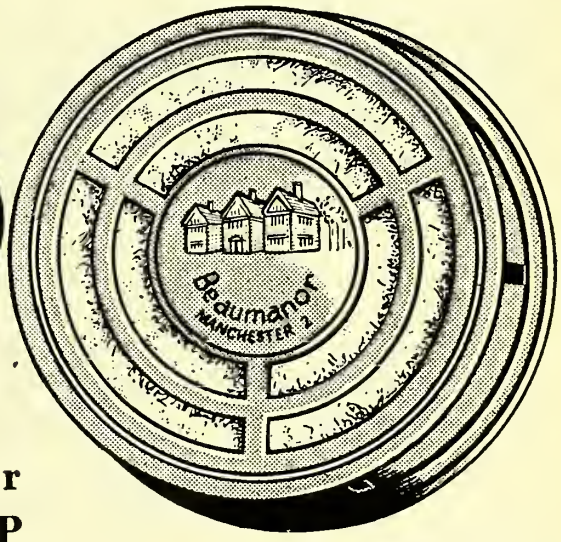
"Beaumanor"
Air Purifying
Unit



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This Deodoriser and Moth Repellent contains no naphtha or camphor content—its base is paradichlorbenzine.

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DEODORANT
GERMICIDAL

3/3 RETAIL
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In Ivory and Green Packs
Individually boxed.
Refills (2 Tablets) boxed Separately.
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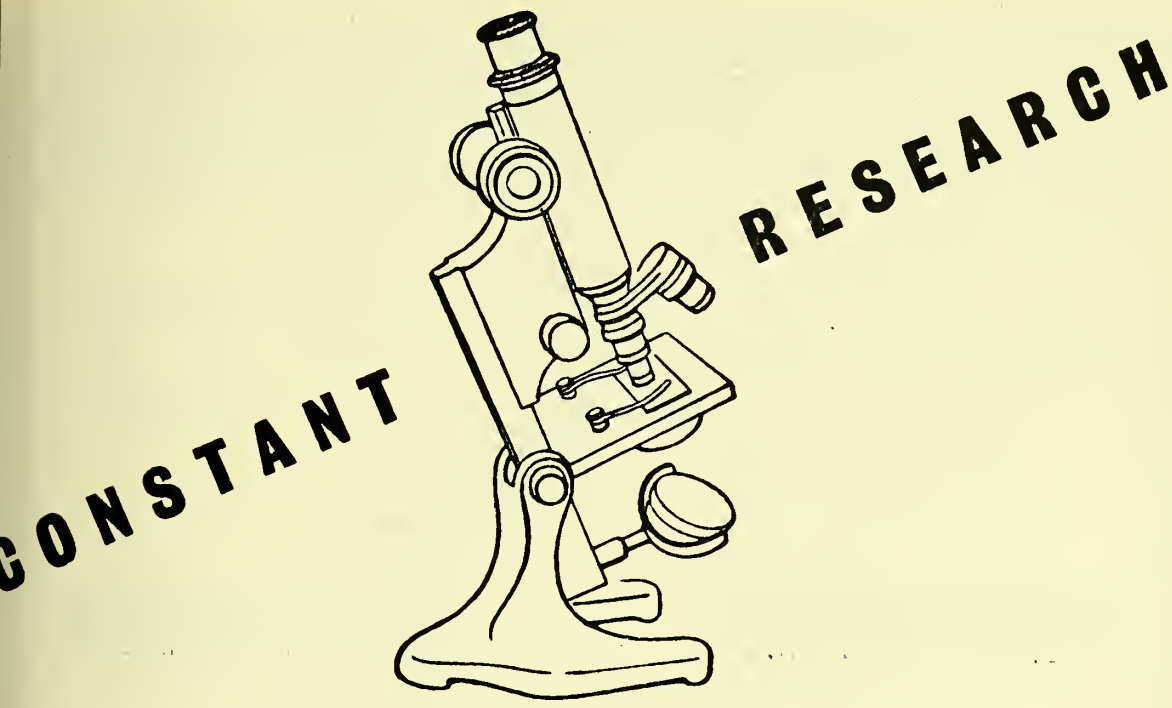

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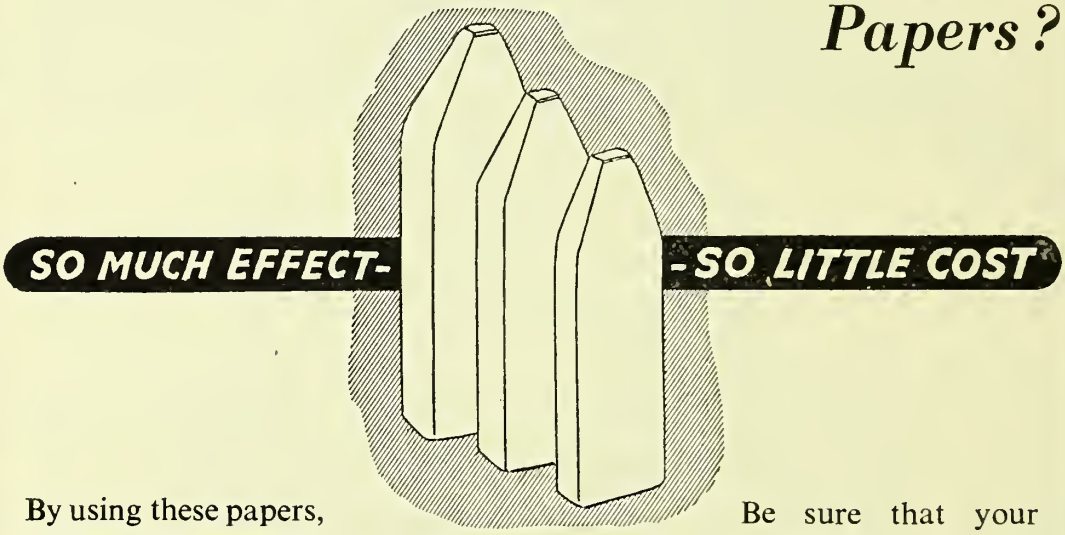
Good Quality Low-priced Wrapping Papers?



By using these papers, offered at specially keen prices, more and more chemists are finding that they are able to maintain the best standards in their dispensing service at the minimum cost.

Be sure that your dispensing service is up to the best standards and also that it is costing you not a penny more than is necessary.

PRICES

White Demy, best dispensing quality,
Per 500 sheets (approx.)

Sizes (ounces)	1	2	3-4	6	8-10	12-16
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Powder Papers .. .. .. 4″ × 4½″ per 500 sheets 10d.

	Per Ream	Per Quire
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Dispensing Twine (Red, Blue, Green)
4 oz. balls 27/- per doz. 8 oz. balls 54/- per doz.
Sealing Wax 3/9 per lb.

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5% DISCOUNT on orders of 6 dozen assorted P.A.T.A. Specialities or

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The assortment must include not less than 1 doz. of a kind or size

OUR P.A.T.A. SPECIALITIES ARE NOW AS FOLLOWS :	Minimum Retail Price including Purchase Tax	Wholesale Price per doz. nett excluding Purchase Tax	Purchase Tax per doz.
Antexema	1/7	11/6	3/10
	3/9	27/-	9/-
	6/3	45/-	15/-
Antexema Granules	1/7	12/-	4/-
Chameleon Oil (for Human use)	1/7	11/6	3/10
	3/9	27/-	9/-
Chameleon Oil (Veterinary)	2/6	16/-	5/4
	5/5	34/-	11/4
Potter's Asthma Remedy	2/5	18/-	6/-
Potter's Asthma Cigarettes	2/5	18/-	6/-
Potter's Asthma Smoking Mixture	1/2½	8/6	2/10
Potter's Catarrh Pastilles	1/9	11/-	3/8
Potter's Stramonium Cigarettes	1/10	12/-	4/-
Kasbah Kidney Remedy	1/4½	8/6	2/10
Thompson's Dandelion Coffee, ½-lb. tins	2/6	24/-	No Tax
Thompson's Dandelion Coffee, 1-lb. tins	4/4½	42/-	,,
Thompson's Dandelion Coffee Essence	1/-	9/6	,,
Thompson's Dandelion Coffee Essence	1/6½	14/6	,,
Thompson's Slippery Elm Food, 1-lb. tins	2/6	23/-	,,
Thompson's Slippery Elm Food, 2-lb. tins	4/6	42/-	,,
Thompson's Slippery Elm Food, Unmalted, 1-lb. tins	2/6	23/-	,,
Thompson's Slippery Elm Food, Unmalted, 2-lb. tins	4/6	42/-	,,
Thompson's Slippery Elm Food, Wholemeal, 1-lb. tins	2/6	23/-	,,
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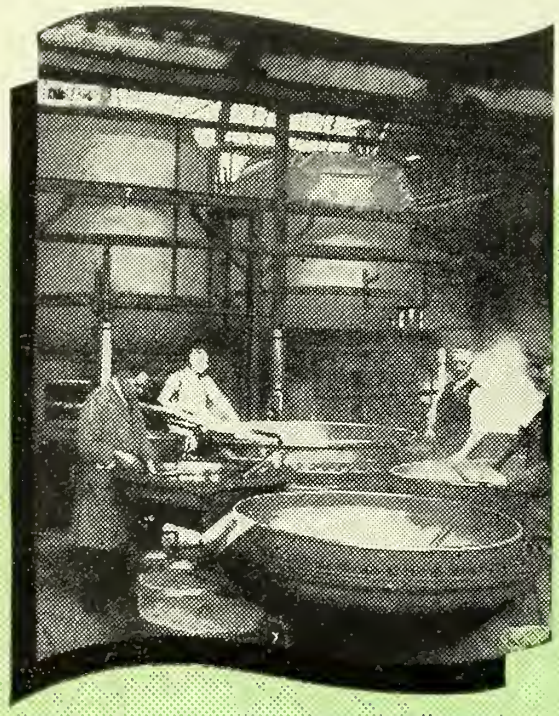
P.C.T.13

Where experience counts . . 4



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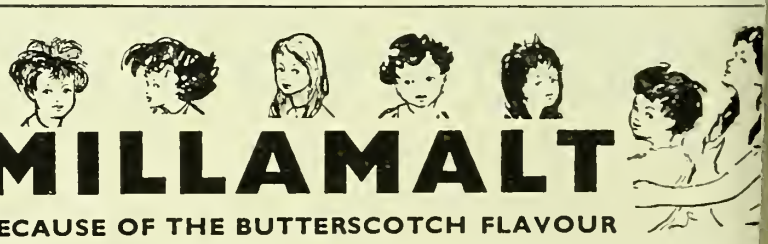

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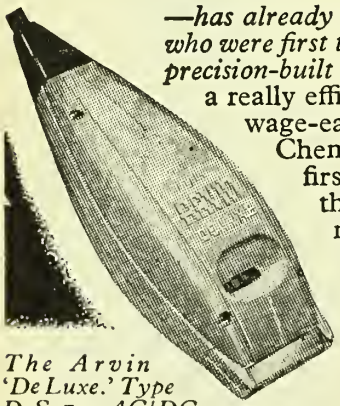
33⅓% TRADE DISCOUNT



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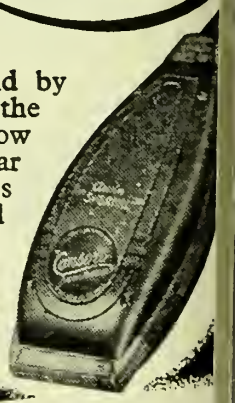
Get your share of this brisk business through your usual wholesaler



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or Baby—For Mother—For You!

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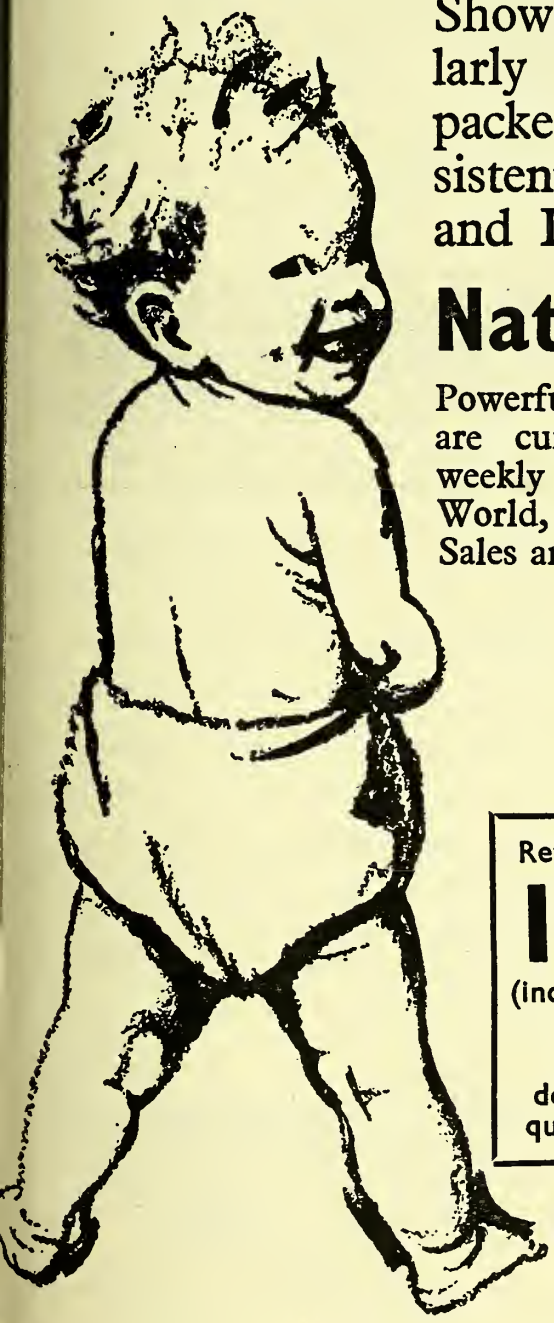

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Retails at
1/6
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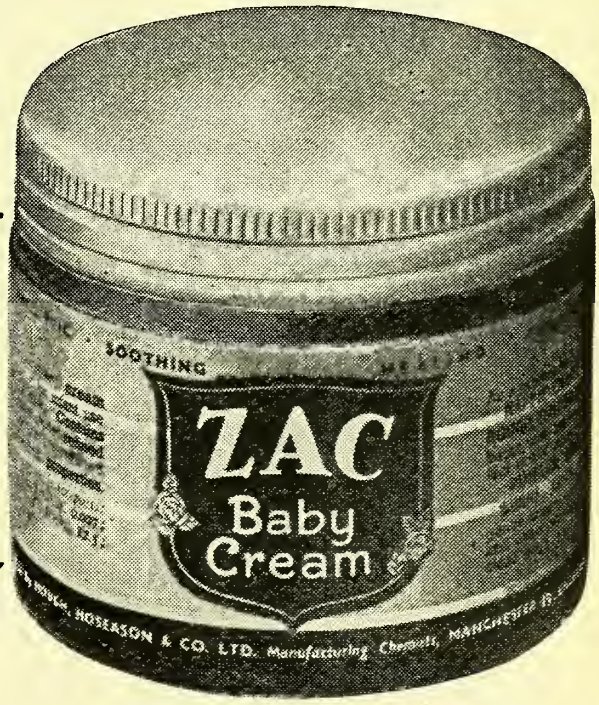
2/6
double quantity



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THREE PROVED SELLERS IN NEW PACKS

INCREASED TRADE DISCOUNT
These new packs carry 33⅓% discount backed by **National Press Advertising** to send you new customers. The repackaging of these products will ensure a bright display in your window and on your counter, attracting more sales.

SHADFORTH LTD.
Manufacturing Chemists
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IMPORTANT WARNING
re Adrenaline Creams

BEFORE stocking any Adrenaline Cream for the treatment of Rheumatic troubles, Pharmacists should assure themselves that the Adrenaline content is fully stabilised.

Otherwise the cream will be valueless for this purpose.

Lloyd's Adrenaline Cream, the actual cream used by the Doctors who developed this treatment, has been certified by independent Analysts (*Medical World* 4th November, 1949) to retain its Adrenaline potency for upwards of 12 months. This analysis covered a period of over three years, ever since, in fact, we commenced to manufacture the cream in collaboration with them and to their specifications.

So far as is known, it is the only Adrenaline Cream in the world thus certified. Copies of the report will gladly be supplied upon request.

Lloyd's Adrenaline Cream is sold in 2 oz., 4 oz. and 16 oz. jars at 5/-, 7/-, and 15/- less usual discount. It is free of Purchase Tax.

Supplies can be obtained through any wholesaler or direct from:

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indicated for:

GASTRIC AND DUODENAL ULCERS

Retail prices: trial size (40) 7/11, standard size (120) 22/6, full treatment size (640) £5 . 12 . 6.

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F.A.I.R. Laboratories Limited

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Manufactured by:

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A TONIC for everyone

Most people need a Tonic at one time or another. For that reason it is sound policy to keep adequate stocks of Phosferine — The Greatest of all Tonics.

Send a post-card for colourful showcards to enable you to make a display to the best advantage.

The Registered Trade Mark "Phosferine" is the property of PHOSFERINE (ASHTON & PARSONS) LIMITED.

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IN LIQUID OR TABLET FORM

PHOSFERINE

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May we send you a trial order and show material?

RETAIL: 2/- per bottle. Complete Spraying Outfits, 10/- and 21/-

TZ 22 *Usual Trade Discounts*

THORNTON & ROSS LIMITED
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THIS HANDY PLASTIC CONTAINER IS

increasing the already great demand for KORAY

Those thousands who regard KORAY as their "First Aid" in case of pain are making this plastic container their constant companion. It holds 5 tablets and fits into a waistcoat pocket or the smallest handbag.

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Send your order now to:

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The 'SANDRA'
TERRY FACE CLOTH
Each individually wrapped in attractive printed cellophane bags. A quick and ready seller at all times — order *NOW* for the coming season.

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BISHOPSGATE 1172-3-4

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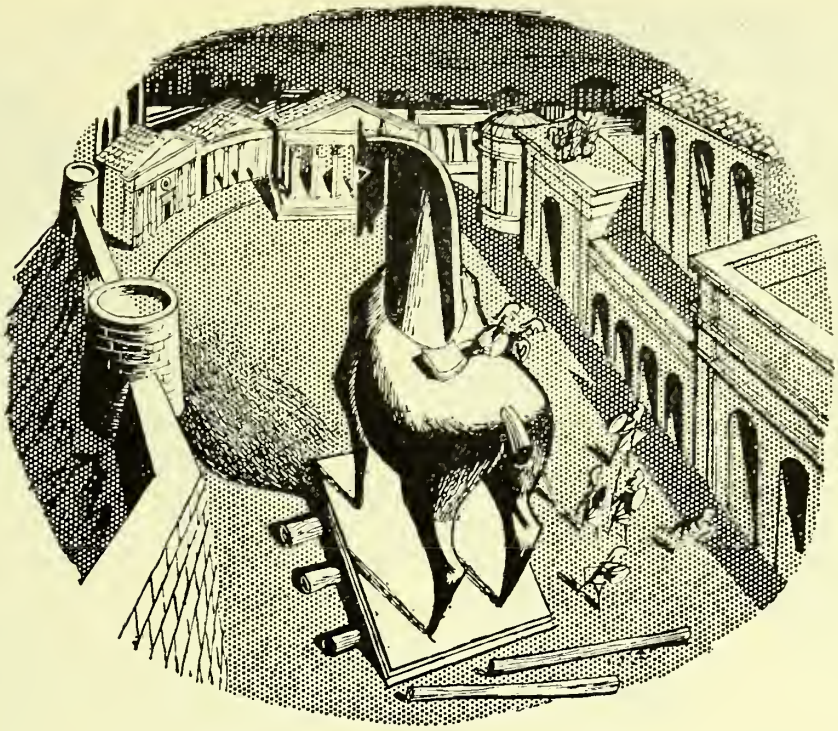
As an Antacid
or in febrile conditions
Glucose
Lembar
justifies the highest professional recommendation

Lemon Juice	38.0% w/v
Sucrose	23.7% w/v
Liquid Glucose BP	28% w/v (*equivalent to Dextrose (Monohydrate)* 10.5 %w/v,
Barley (*Sol. Extract*)	from 7.4% w/v

Plus flavouring and permitted preservative

Obtainable from Wholesale Chemists or from Rayner & Co. Ltd.
RAYNER AND COMPANY LIMITED, LONDON, N.18



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is more than half the battle

However potent an antifungal agent, it cannot be effective against "athlete's foot" or other fungous conditions of the body unless it readily penetrates the skin. 'Tineafax' Ointment contains zinc undecylenate (recognised as a highly efficient fungicide) in a base of exceptional penetrating power. Bland, non-irritant, non-staining, it clears most cases of athlete's foot in from 7 to 21 days. 'Tineafax' Ointment is issued in collapsible tubes of 1 oz. (approx.); 'Tineafax' Powder, for prophylactic use, in convenient sifter-top tins. Both retail at 2/6d. plus 7½d. tax. For dispensing purposes, 'Tineafax' Ointment is now issued also in jars of 1 lb., at a list price of 24/- plus 6/- tax.

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'TINEAFAX'

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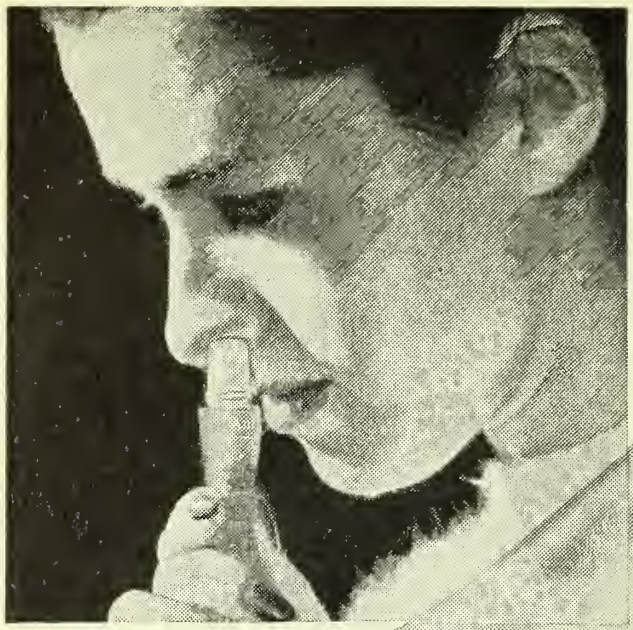
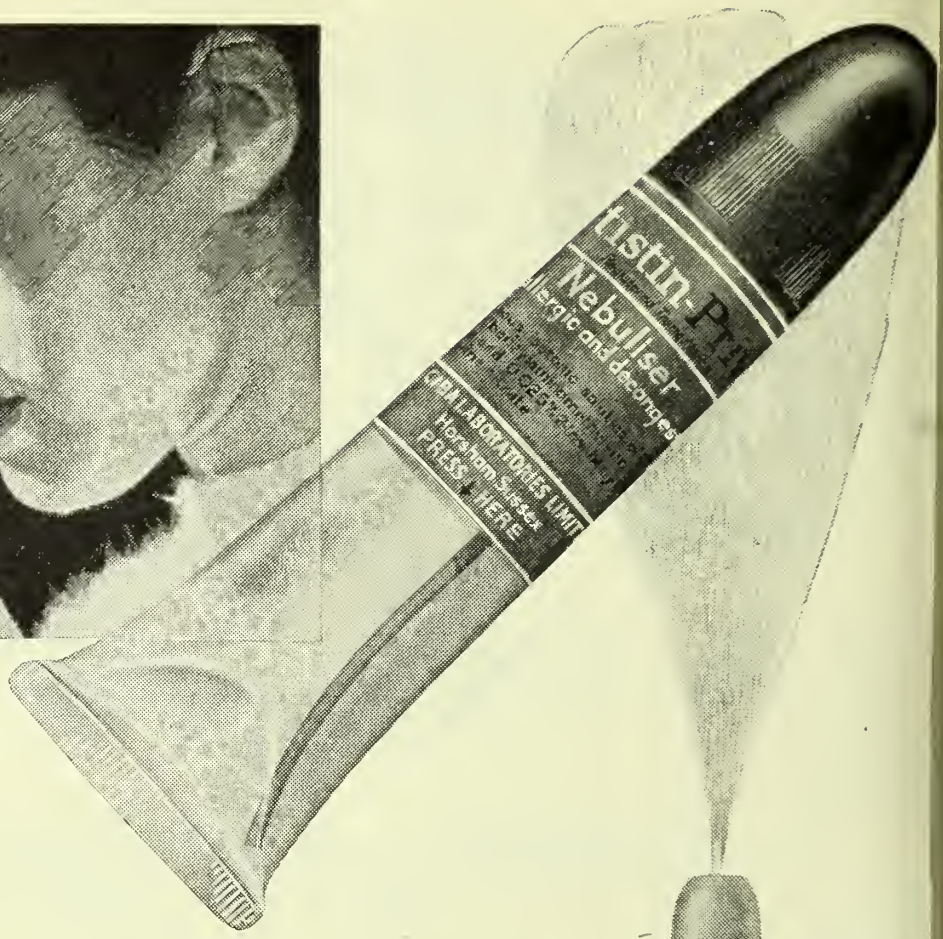
Compound Undecylenate Ointment and Undecylenate Powder

BURROUGHS WELLCOME & CO. *(THE WELLCOME FOUNDATION LTD.)* LONDON





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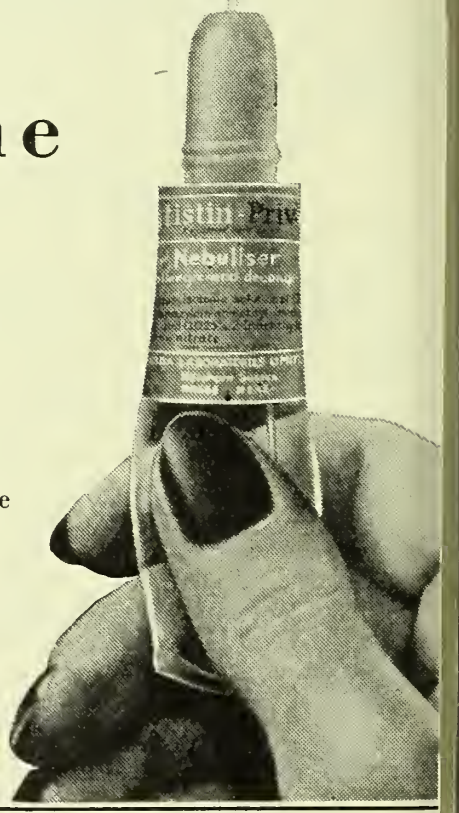
Nasal Spray for use in

HAY FEVER

now available in a pocket

NEBULISER



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Sufficient for several hundred applications.

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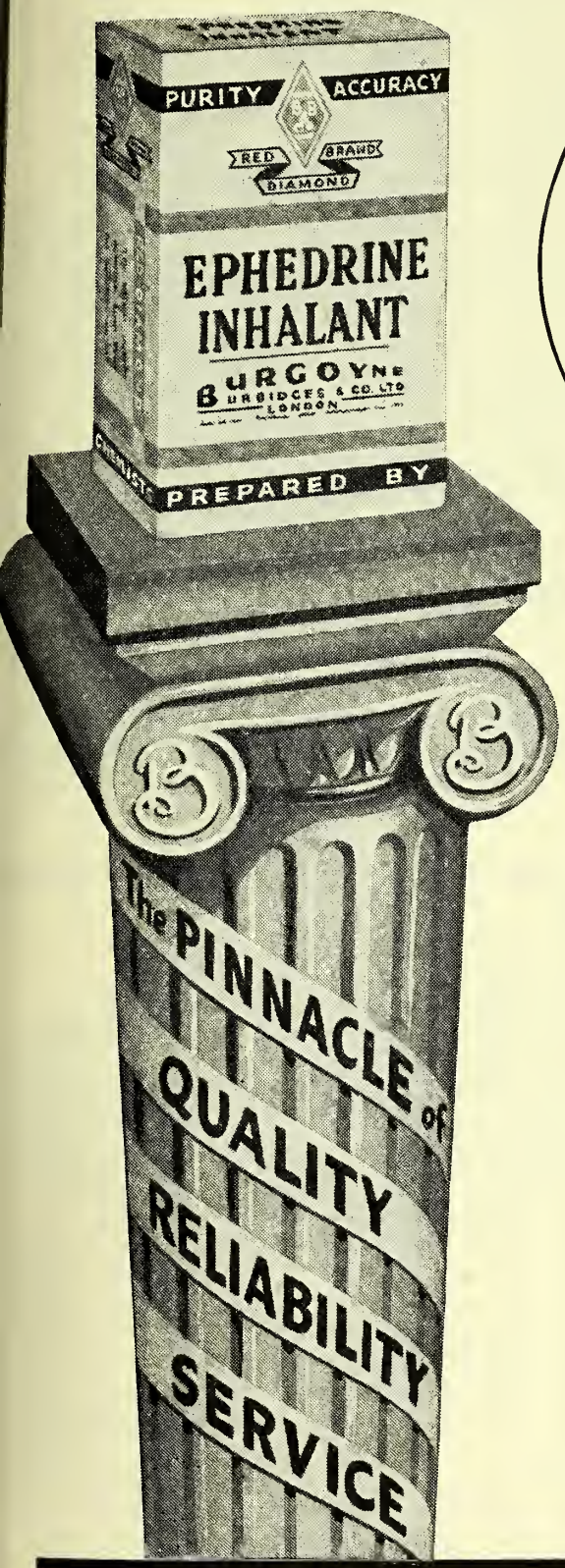

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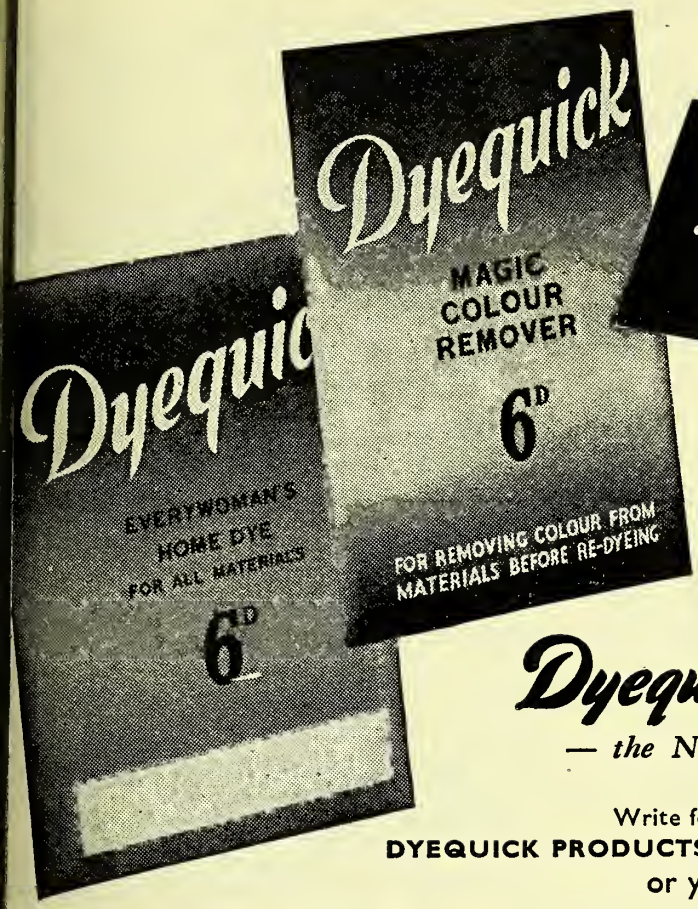

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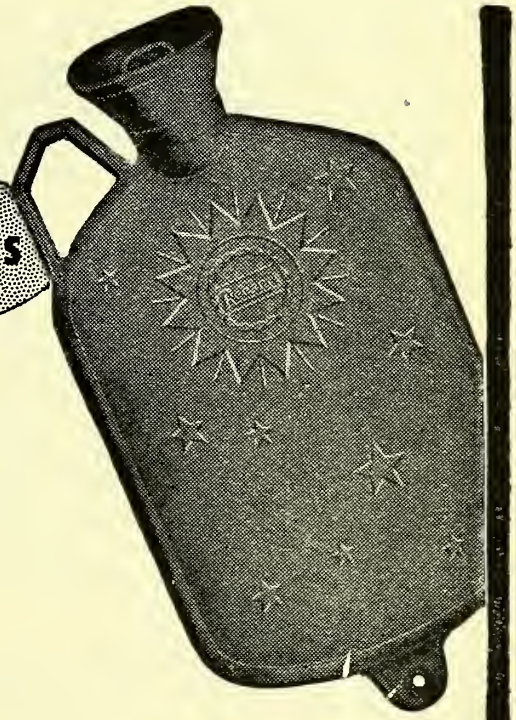

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Cost 6/9, 13/6, and 25/- doz. plus ⅓
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Small size:
1 doz. 12/- per doz.
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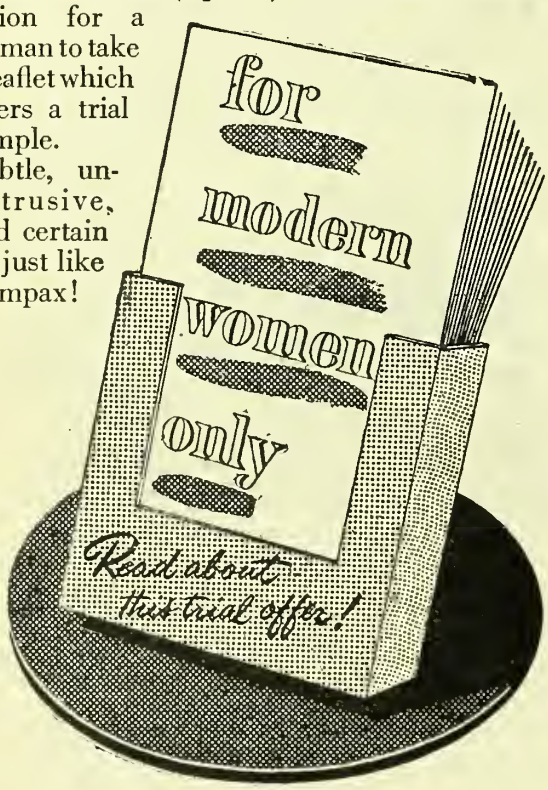
Successful counter displays for Tampax are a delicate matter. In a shop crowded with men and women, anything blatant would repel; yet anything non-committal would fail in its intent.

We think we've succeeded cleverly by appealing to women's curiosity. Our new Tampax leaflet container (3½"x5") is an irresistible invitation for a woman to take a leaflet which offers a trial sample. Subtle, unobtrusive, and certain — just like Tampax!



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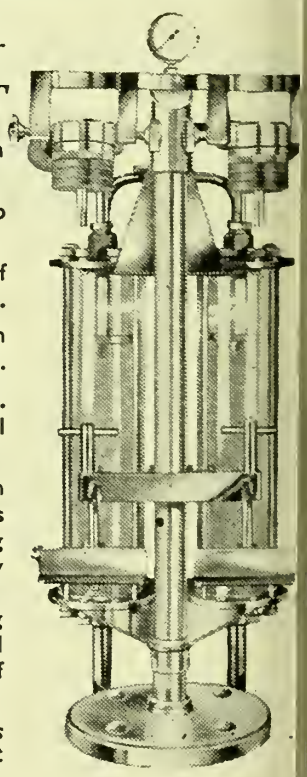

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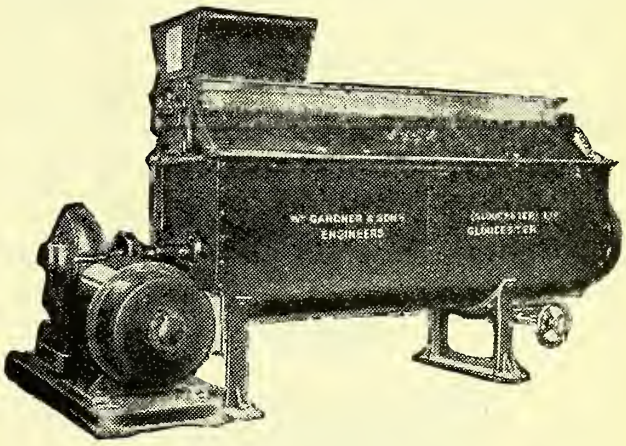

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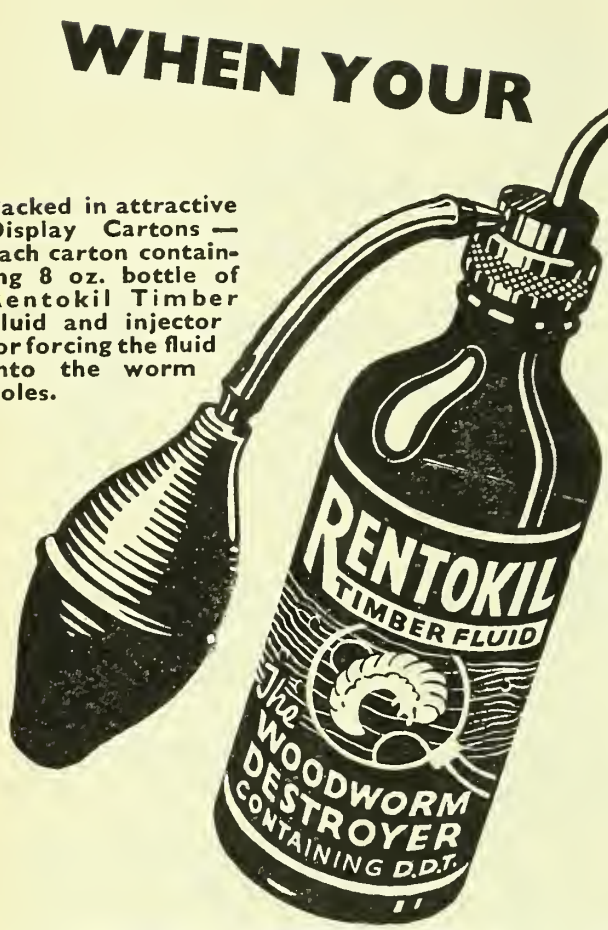
Packed in attractive Display Cartons — each carton containing 8 oz. bottle of Rentokil Timber Fluid and injector for forcing the fluid into the worm holes.



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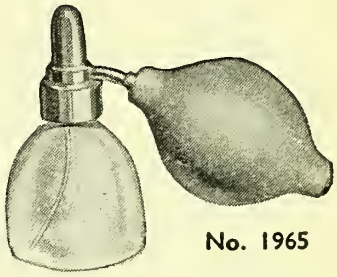
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STRAPPING

- 'SLEEK' PLASTIC ADHESIVE STRAPPING is completely waterproof.
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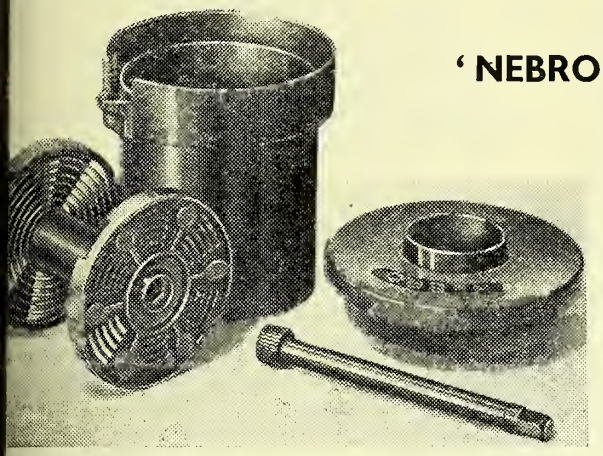

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Great attention has been given to light trapping, quick pouring and proper thermometer entry. In black bakelite from moulds of outstanding craftsmanship, complete with calculating disc to indicate time and temperature when using standard Johnson developers, and instructions. Height $4\frac{3}{4}''$, diameter $3\frac{7}{8}''$.

Tank, complete	21/-	Tank, Body and Lid	12/6
Body	7/6	Spiral Film Holder	9/-
Lid	5/6	Stirring Rod ...	1/-
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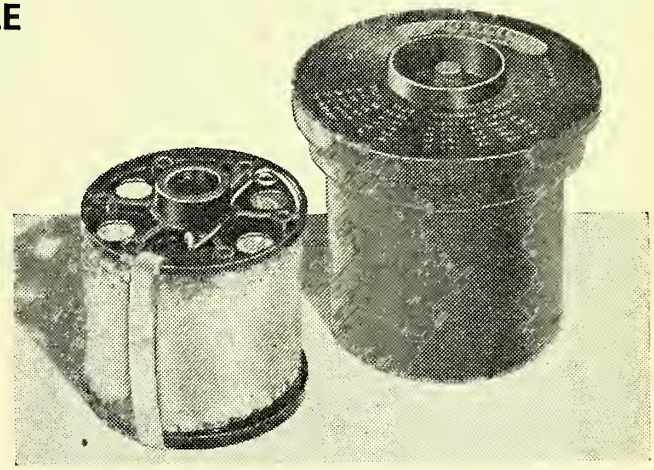
'NEBRO' ADJUSTABLE Apron Developing Tank

deal for developing several films in a short —the apron can be wiped down and dried lly after each using. Loading is very easy. apron, which has dimples pressed into each , keeps the layers of film apart. Except for ling the film into the apron all developing, g and washing is carried out in daylight.

Owners of a Nebro "Universal" Tank can y convert it by purchasing the adjustable spool appropriate apron.

Tank, complete with Spool and Stirring Rod (Apron extra) ...	27/6
Adjustable Film Spool and Stirring Rod	15/6
Aprons only, Nos. 16, 20 or 27 (for roll films of these numbers)	10/6 each



'NEBRO' 'CUT-PLATE' Developing Tank

The "CUT-PLATE" is an adjustable tank enabling from 2" x 2" to 4" x 5" of plates or cut films to be developed six at a time in daylight.

Sturdily made of hard black plastic, the tank has a built-in Time and Temperature Calculator and large funnel moulded into the lid; this aperture also admits a thermometer ... Price **50/-** Stainless steel hangers for 9 x 12 cm. cut film **3/6** each; for 5" x 4" cut film **3/6** each.

● **Have you had YOUR copy of the Nebro Catalogue? If not, write at once.**

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o available through these Provincial Wholesalers: SOUTHALL BROS. & BARCLAY (1935) LTD., BIRMINGHAM OOKS, PARKER & CO., LTD., BRADFORD. JAMES WOOLLEY SONS & CO., LTD., MANCHESTER

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Our Bakelite Capped Beatson Medical on the left, is a reasonably priced, serviceable bottle of real value—the best in its class.

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BEATSON, CLARK & CO. LTD.

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ROTHERHAM · *Established 1751* · **YORKS.**

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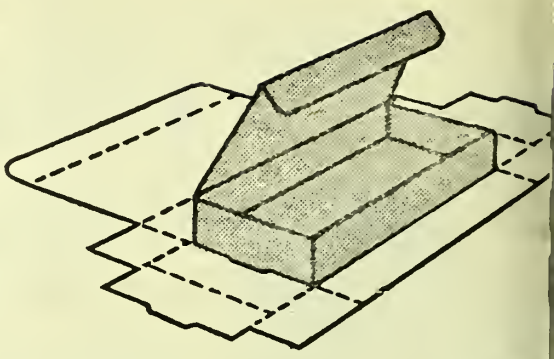

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SOLUBLE TOWELS

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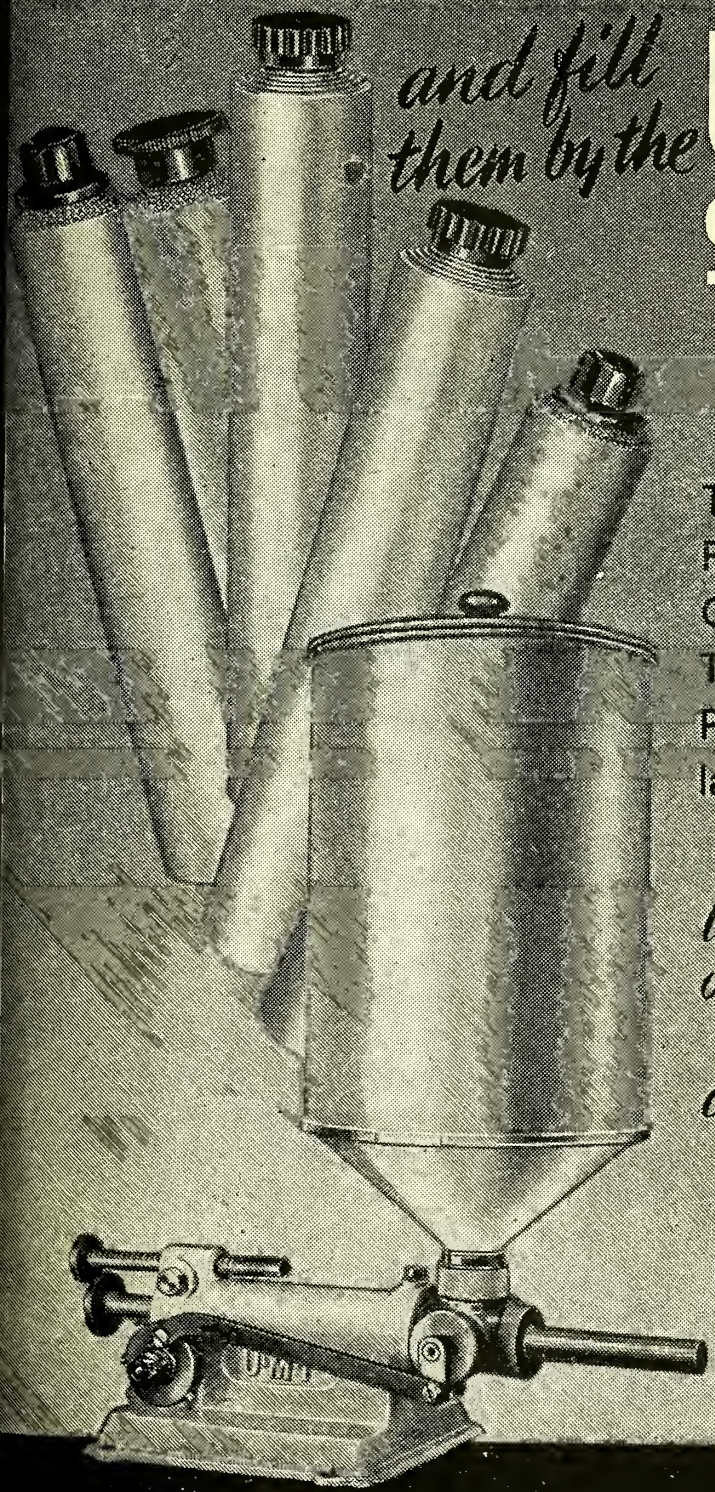

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When your 'cupboard's' empty a
will bring supplies

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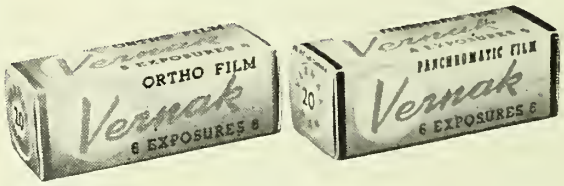

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MIRACLE MIXTURE

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Thus writes a Chemist who has a big Trade with Dog Owners

There is no medicine in this Country which has saved the lives of so many poorly dogs. There is no more elegant preparation. None which gives such certain and speedy relief and none which shows you a better return for your sales in good wishes and financial benefit.

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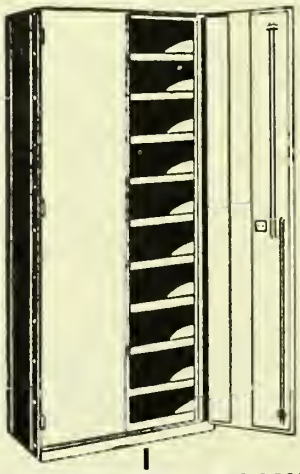

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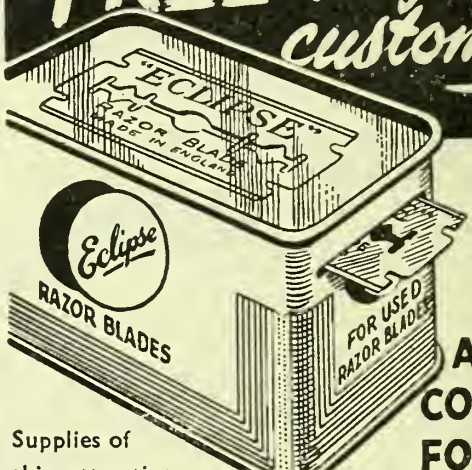

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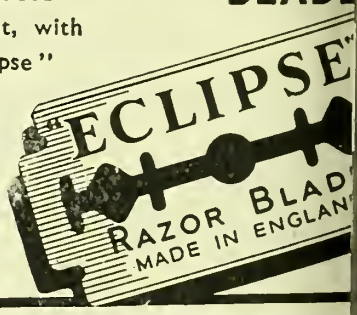

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How to help your customers choose a toothbrush

THERE'S no doubt that they'll need help. Very few people know what to look for, or how to tell good from bad. The next time your guidance is needed, here are some pointers :

NYLON OR BRISTLE?

Both have their supporters — often guided by dentists' advice. It's a point of interest, though, that 6 out of 10 toothbrush users prefer nylon to bristle. Remember, too, that bristle softens when wet — nylon doesn't.

NAME?

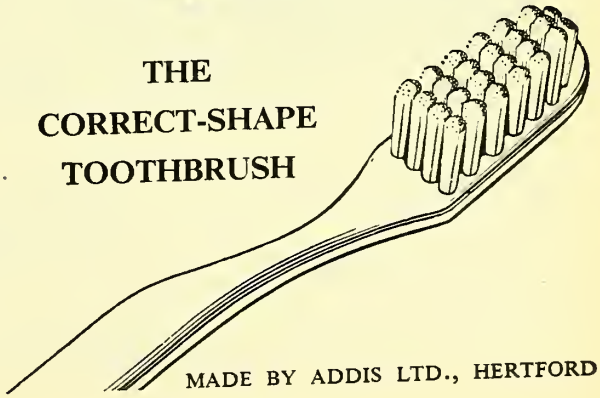
There's a lot in a trade name, as you know. Behind the name of Wisdom lie years of experience — we made the first toothbrush in 1780, so we should know something about it. So when you sell a Wisdom, either nylon or bristle, you know that you're selling the best. Wisdom Nylon 1/11. Wisdom Bristle 2/6.

HOW HARD?

You've probably come up against this question a lot. A lot of people know that a bristle brush softens when wet — so they buy a bristle brush harder than they really need. But nylon stays hard — so sell them their Wisdom Nylon no harder than is necessary.

Wisdom REGD.

THE CORRECT-SHAPE TOOTHBRUSH



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Provides two alternative radiations for home treatment of rheumatism and its kindred complaints. It is easily operated with interchangeable Burners; one Long Wave 250 Watt and one Mixed Wave 400 Watt; in all voltages from 50 to 250V. The quality and finish is of the high 'Sol-Tan' standard.
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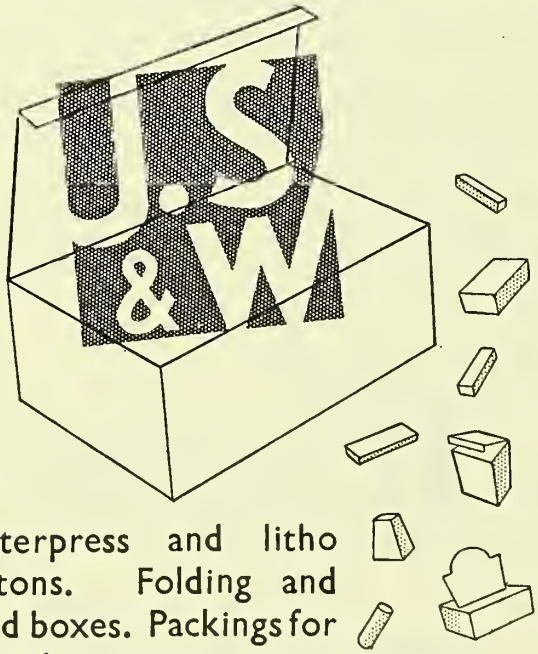

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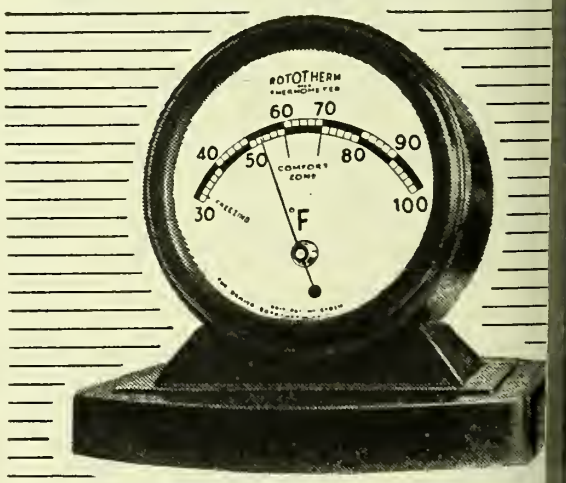

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The world's best thermometer
Price 15/- Retail

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'hen women customers ask *for a 'Liquid*

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for more . . . ***and,*** *as the good news of this glamorous hair-beautifier gets*

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Wholesale	Retail	Per Pkt.(dozen)
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STANDARD (LOOPS) - 6 IN PKT.

Wholesale	Retail	Per Pkt.
7/0½d. doz. pkts.	8/1½d. doz. pkts.	10½d.

STANDARD (Loops) are packed in cartons containing 48 packets.
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GLYCERINE of THYMOL PASTILLES

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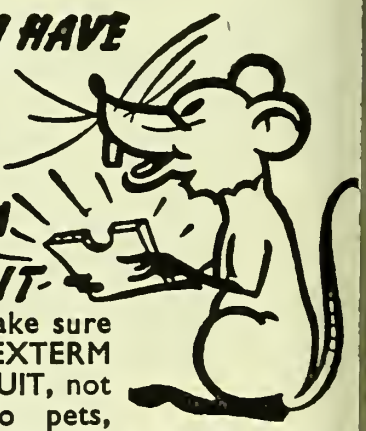
IF YOU HAVE RATS GIVE THEM A BISCUIT



...but make sure it's a VEXTERM RAT BISCUIT, not harmful to pets, human beings or farmyard stock, when used as directed, but death to rats and mice. Clean, safe and easy to handle. From Chemists, Ironmongers and Stores everywhere. Price 1/6&5/9

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READY-BAITED

RAT BISCUITS

Agriculture and Fisheries Licence No. 10184

Manufactured by

BRITISH RODENT EXTERMINATOR CO. L

PRATTS BOTTOM · FARNBOROUGH · K

Phone: FARNBOROUGH 849

THERE ARE MANY SALES

BECAUSE THERE ARE MANY USES

The first of a new series of press advertisements that is going to make omen look for ANDREX ssues in *your* shop.

ANDREX handkerchief tissues — by the makers of the popular Andrex toilet tissues — make quick sales because they are so very versatile. Women always buy them to keep handy in case of colds in the family. They are extra soft, fully hygienic, and save laundering. But there are also a hundred and one other uses for them in bedroom, nursery, office and kitchen. Put them on display and hear your customers say, "That's just what I want!"

There are two sizes: BOUDOIR PACK containing 100 tissues, retail price 1/-; and the POPULAR FAMILY PACK with three times the quantity (300 tissues), retail price 2/6. Obtainable now from your wholesaler. If you have difficulty in obtaining supplies please write to the manufacturers.

FREE SHOWCARDS

The new showcard will add colour and distinction to your counter and pounds to your turnover. Send for yours now.

Brilliant new pack! Pre-war Prices!

ANDREX

HANDKERCHIEF *Tissues*

St. Andrew Mills Ltd., London. E.17. (Wholesale only)

It's a family affair!

HILLCREST TOILET ROLLS *are made of the purest Toilet Tissue, and each sheet is medicated with Pine germicide*

6 Star SELLING POINTS!

★ **ATTRACTIVELY BANDED IN THREE COLOURS ON GLAZED PAPER** *in 6 oz., 7 oz., and 8 oz. weights*
★ **SUPER QUALITY** manufactured from purest toilet tissue
★ **KEEN PRICES FOR QUANTITIES** to established Wholesalers
★ **ALL SHEETS MEDICATED WITH PINE GERMICIDE**
★ **ADVERTISING**—*Your customers will see this advertisement in the "News of the World," "Daily Mirror," "Daily Express," "News Chronicle," "Daily Herald," "Daily Mail," and all the leading Provincial papers;*
★ **CUSTOMERS' OWN DESIGNED GLAZED BANDS PRINTED (NO EXTRA CHARGE)**

LIPTON'S PAPER MILLS LTD
Devonshire Works, Duke's Avenue, Chiswick, London, W.4
'Phone: CHIswick 3600 (8 lines) **Estd. 1898**

THE **FLUID**

AGITATOR-EMULSIFIER
LABORATORY MODEL SL-A

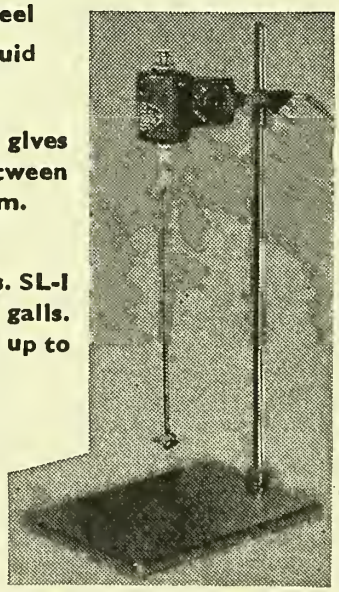
All Stainless Steel Contact with Fluid

•

Built-in Control gives speed variation between 20 and 2000 r.p.m.

•

Also larger models. SL-I for vessels up to 5 galls. and S.C. for vessels up to 500 galls



IMMEDIATE DELIVERY

FLUID EQUIPMENT CO. LTD.
(Dept. S.D.) 83 Seafield Road, London, N.11
Phone: ENT 2565

W. R. SWANN & CO. LTD., SHEFFIEL

SPONTEX DISPLAY-DISPENSER MAKES QUICK-SELLING WINDOW

Chemists have quickly discovered that the compact Spontex counter display-dispenser, when opened out, makes an attractive WINDOW DISPLAY. Printed in 7 pastel colours, the dispenser is supplied ready packed with 6 Spontex Sponges in assorted colours. Already a winner, this novelty pack comes free with the sponges. Make full use of its unique display possibilities.

SEE THIS ADVERTISING IN RADIO TIMES WOMEN'S JOURNALS & YOUR LOCAL PRESS

HE SIMPLE ORDER BELOW ENTITLING YOU TO E SPONTEX IN THE NEW DISPLAY-DISPENSERS

Spontex ready packed in new and ve half dozen display-dispensers, ıve only to tell your wholesaler WANT IT DELIVERED THAT Available in all three sizes, "bath," ," and "baby," these dispensers sales and can be refilled again and To ensure your participation in g new business, and to secure your of the new Spontex Art window which links you with the advertis- end the order suggested below to us, stating name of your whole- hrough whom it will be delivered ıvoiced. We will arrange delivery ispatch showcard to you.

AND TO HAVE THIS NEW ART SHOWCARD

↓

TRADE PRICES

ath Size **Spontex** to sell at **3/8** inc. P.T. **8d. 12/-** plus **4/-** P.T.=**16/-** in display-dispenser

and Basin Size **Spontex** to sell at each inc. P.T. **6d. 9/-** plus **3/-** P.T.=**12/-** in display-dispenser

aby **Spontex** (super soft) to sell at each inc. P.T. **5½d. 8/-** plus **2/9** P.T.=**10/9** in display-dispenser

TT TRADE PRICE (including P.T.) **38/9**

NTEX SPONGES ARE MADE IN GT. BRITAIN BY:

NCEL LIMITED, Woldham Road, Bromley, Kent. Tel : Ravensbourne 2641

Make 'REUDEL' Bath Salts the centre of this month's £10 I.C.C. par

and gain the extra 12½% discount

The hotter the summer and autumn—the more demand there will b for 'Reudel' Bath Salts. So stock up now! Make Reudel the centr of your I.C.C. mixed parcel.

For every £10 parcel you get a discount of 12½%. For every £5 parcel a discount of 10%.

There's a national advertising campaign backing up 'Reudel' Bath Salts, as well as the other famous I.C.C. lines.

You buy an I.C.C. £10 parcel for... ...	**£8.15.0**
Your return ...	**£13. 6.8**
YOUR PROFIT ...	**£4.11.8**

pick your £10 parcel from these product

'Reudel' Bath Salts • 'Kolynos' • 'Anadin'
'Anne French' • 'BISoDoL' • 'Bisurated' Magnesia
'Freezone' • 'Pineate' • 'Lystone' Salts.

International Chemical Co., Ltd., Chenies Street, London,

Printed by The Haycock Press, Ltd., 106-140 Neate Street, Camberwell, S.E.5, and Published by the Proprieto Morgan Brothers (Publishers), Limited, at 28 Essex Street, Strand, London, W.C.2.

The value of DISTINCTION

Feature Cussons products in all your displays, and the value of their distinction will be obvious to you. Presented in accord with their quality, and advertised in accord with their popularity, they provide an opportunity to build both sales and goodwill.

LINDEN BLOSSOM
IMPERIAL LEATHER
APPLE BLOSSOM

TALCUM POWDERS

BY

Cussons

and WHITE CROSS BABY POWDER

CUSSONS SONS & CO. LTD

84 BROOK ST, GROSVENOR SQ, LONDON W.1

The CHEMIST AND DRUGGIST
AUGUST 5, 1950

THE WORD 'COX' IS A REGISTERED TRADE MARK

FOUNDED 1839

ARTHUR H. COX & CO. LTD., BRIGHTON
COX

World-wide reputation as one of Britain's foremost Manufacturing Chemists.

PILLS AND TABLETS

(BULK OR PACKED · COATED OR UNCOATED
STANDARD OR SPECIAL FORMULÆ)

SOLVELLÆ · PASTILLES · CAPSULES

SUPPOSITORIES · PHARMACEUTICALS

PACKED SPECIALITIES

Complete production of 'OWN NAME' products

Samples and quotations await your enquiry.
Write us about your special needs.

COX
OF BRIGHTON

ARTHUR H. COX & CO. LTD. BRIGHTON 7, SUSSEX